JPRS-TND-91-021 30 DECEMBER 1991



JPRS Report

Proliferation Issues

PROLIFERATION ISSUES

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SOUTH AFRICA

U.S. Ban Highlights Missile Industry Potential

92WP0087A Johannesburg SUNDAY STAR in English 27 Oct 91 p.11

[Article by Brendan Seery "Is SA's Hand in Israel's Jericho"]

[Text] The recent United States han on all trade with Armscor—becluse it believes South Africa is exporting missile technology to renegade Third World countries has focused attention again on this country's shadowy military industry.

At the heart of the American concern is their belief backed by intelligence reports and assessments—than South Africa and Israel are cooperating in developing intermediate Range Ballintic Missiles (IRBMs).

And the Americans have on a number of occasions fingered South African conglomerates—including giant Barlow Rand—as being involved in illegal smugaling of high-tech components from the U.S. for use in the missile programme.

U.S. intelligence sources have said Armson is cooperating with Israel to build an IRBM which could deliver nuclear chemical or conventional warheads up to 1500 km with a far greater accuracy than the Scuds used in the Gulf War.

There have reportedly been at least two launches of IRBMs from Armscor's test range at De Hoop near Arriston on the Cape in the past 14 months.

U.S. Central Intelligence Agency sources quoted in U.S. newspaper reports in 1989 said the missies under development were to be called the Shavit (Hebrew or Comet)—a development of Israel's Jericho II missile.

There has been speculation over the past two years that Armscor may also be involved in a space programme, turning to commercial ways to explicit its military expertise, especially in view of the drainically slashed SADF budget which has virtually halted all military research and development.

in a number of investigations U.S. Customs Department and FBI investigations have detailed the alleged smuggling networks which have been funnelling parts to South Africa.

Special agents working for Customs identified a Johanreshung electronics company. Telcom Industries, as having set up a "front" company in Florida specifically to acquire restricted technology.

According to a sworn affidavit by Customs Special Agent Lewrence O'Donnell—presented to a Florida court, and which is in the presented of the SUNDAY STAR— Telcom's director. Reginald van Rossam, was involved. in smurgling components to South Africa for a period of at least three years up to 1990.

Mr. Van Rossum's front company, York Ltd. operated from Boynton Beach in Florida, acquiring parts from manufacturers across the U.S. Staffers at York were told to tell suppliers that the parts were destined for export to Holland.

False declarations allowed the shopping of restricted goods under "general" licences.

Earlier this month. Mr. van Rossom's secretary at York Ltd. Beverley Barratt, was convicted of assisting in the smuggling operation and sentenced to three year's probation.

In Johannesburg, Telcom Industries personnel have refused to answer any press queries in connection with the York Ltd case, and have also refused to reveal Mrvan Rossum's whereabouts or links to the computers

Agent O'Donnell said bath records showed that there had been 15 monetary were transfers into York Ltd's bath account in 1990. A total of 12 of these came from Telcom Industries in Johannesburg and represented an amount of \$400,000 (about R11 million). Two other transfers came from Fuchs Electronics—a subsidiary of the giant Barlow Rand conglomicrate.

The other transfer was from Gronel rGronaker Electromics) in South Africa

The latest finger-pointing at Bartow Rand comes in the wake of a number of reports over the past 18 months linking the conglomerate to arms-related sanctionsbusting.

The allegations surfaced as part of reventigations into the affairs of a former Pennsylvania businessman. James Guerin and his electronics firm. International Signal and Control Corporation (ISC).

Federal stivesingations in the U.S. cartier this year alleged that PSC subsidiaries, including PSC Education Systems, had been shipping illegally acquired state-of-the-art arms technology (including mossle guidance system particles South Africa in shipments disquired as "computer based education material for blacks."

The allegations, reported in the INTELLIGENCER IOCIRNAL newspaper in Lancaster Pennsylvania (ISC's home base) quoted revestigation in saying they had discovered myriad "front" companies.

One investigator remarked. "Every time we kick a rock and we think we are getting to an end eight studies shoot out and hide under the other eight rocks. Who knows where this will all end?"

Barlown has admitted it had an interest in 150 in the mid. 1970b, but that it sold it after only on months, and has so more interest in the company. Grinaker Electronics' "frequency hopping" radio, produced for Armscor, caused a flurry of interest when it made a debut at an orms fair in Chile in 1984, with JANE'S DEFENCE WEEKLY calling it "among the most advanced available from any manufacturer."

Yesterday Ken Ironside, Barlow Rand's general manager, group public affairs, said. "We have no comment to make except to confirm that Barlows had an interest in ISC in the mid-1970s. That was sold after six months and we have no further interest in that company."

Barlow Rand: Arms Smuggling Charged

924F0175Z Johannesburg THE WEEKLY MAIL in English 15-21 Nov 91 pp 2-3

[Article by Gavin Evans, "Barlow Rand Hard His by Arms Smuggling Charges", first paragraph is THE WEEKLY MAIL introduction.

[Text] Conspiracy to provide Saddam Husayn with weapons—that's the charge levelled against reversi South African compunies and their employees. Gavin Evans reports.

South Africa's leading industrial corporation, Barlow-Rand Limited, has been hard-hit by a series of charges of its observed in secret arms deals—including allegations that it played a central role in smaggling artiflery fases to lead.

Barico sabsidiary Fuchs Electronics (Pty) Limited and its technical director. Jaco Budricks, have been charged in the United States with conspiracy to supply Saddam Hussiyn with advanced weaponry between 1985 and 1989 Also charged are Armsone (South African Armsone Corporation), its subsidiary Kentron, seven Amssour and Kentron employees, and seven U.S. citizens.

THE WEEKLY MAIL has received information—in addition to the allegations in the indictment—that Fuchs continued to be linked to the arms trade with Iraq at least until the middle of last year.

Commenting on state documents showing that another Barlow Rand subsidiary. Sandock-Austral, was involved in arms deals with Germany for the South African Defence Fonce [SADF] in the mid-1980s, the company's general manager, group public affairs. Ken Intensife, said Sandock-Austral was only acquired by the Barlow Rand group list year. He would not comment on questions concerning whether Sandock-Austral, Fachs or other Barlow Rand companies were still orvolved it arms production or trade.

Fuchs, an East Rand-based company, in limited in the U.S. implement as being devolved in the design and manufacture of "embratics and explosive devices for Armsonic". It manufactures the electronic fuses for most of the burnts, mortain and markets used by the SADF and also

produces a wide range of radios, including the frequencyhopping radio which has been marketed extensively in the Middle and Far East and Latin America.

The essence of the charges are that Armscor and the International Signals and Control Corp (ISC) collaborated in developing advanced weapons systems both for South African consumption and for marketing to Iraq and China.

Specific charges relating to Barlow Rand include the following

- —Fuchs director Budricks was involved with Armson officials in establishing from companies for Armson and "procuring such munitions, military technical data and other commodities necessary for Armson to design and manufacture fighter aircraft, missiles, helicopters, armouned ground vehicles and ammunition." This technology was then diegally smuggled to South Africa.
- —In about 1982 ISC developed a PF-I proximity fune— "a device designed to enable an explosive warhead to detonate above the target in order to maximise the kill ratio". Four years later it entered into a contract with China to stal these fuses, but problems of premature detonation were experienced in the testing phase. As a result in February 1988 ISC contracted with Fuchs to amost with the fuse problem.

ISC smaggled 5.500 fuse castings ("monegorisetted as metal parts") to Durkon Pty Ltd—a front company for Fuchs—"for ottogration of South African electrical systems". Fifty of these fuses were then smuggled back to the USA for testing.

- —in 1988 ISC and Fuchs linked up with the Chilean arms company Industrias Cardioen Limitada, the indictment charges, to produce and market PF-I fuses for the Eastern Bloc and Iraq. The plan otvolved ISC supplying SRI,000 fuses to Fuchs for delivery to a Cardioen subsidiary which would then sell them [to] Iraq. The continues onvolved Iraq paying Fuchs in crude oil and Fuchs paying \$33 million to ISC. The indictment does not state whether this transaction was concluded.
- —Between 1985 and 1989 ISC sold Fuchs \$4.4-million worth of fane components "to asset Fuchs to fulfill its production requirements with lina;" according to the indictment. These were needed by Iraq for its G-5 artillery which had earlier been supplied by Armscor. G-5 shells captured by the Americans in the Gulf war contained these U.S.-made parts.

If convocted Fuchs faces a fine of up to \$21.5-million, as well as source of its U.S. assets, while Budricks faces up to 235 years imprisonment and a potential fine of \$23.25-million, according to the U.S. Justice Department.

Shorth before the allegations against Fuchs were revealed. THE WEEKLY MAIL was contacted by a

source in the arms industry who said that the company had been involved last year in exporting a shipment of equipment intended for military use to ling, but the international blockade against ling prevented the equipment from reaching its destination. Barlow Rand refused to comment.

The arms industry source also said that frequencyhopping radios, which had initially been designed by Saibu (Pty) Ltd in Irene, were sold by Armscor to both Iraq and Iran. Saibu founder James Lamen confirmed to THE WEEKLY MAJL that he had designed the frequency-hopping radio, but said that Saibu was now owned by Gritalker Holdings, that he was now retired, and he did not know where the frequency-hopping radio had been marketed.

Much of the research for such projects was done at the University of Pretoria Engineering facults, and by the Carl and Emily Fachs Institute of Micro Electronics at the university, the arms industry source said.

Barlow Rand has a long history of central envolvement in South Africa's arms industry. It has been supplying the SADF since the early 1990s and by the 1980s was the SADF's major supplier of electronic equipment.

Book on Details of Nuclear Testing With Israel

979/P00878 Cape Town WEEKEND ARGUS in English 2 Nov 91 p 4

[Article by Jeremy Brooks, "SA: Tested Nuclear Device"]

[Text] London—braseli and South African scientists worked together secretly for nearly three decades to produce a nuclear bomb, testing at least three warheads off the Cape coast during the late Seventies.

Assertions to this effect have been made by sensor Washington Journalist Seymour Hersh in Britain and America. His book. "The Samson Option—brael. America and the Bomb." was released in Washington and here last week.

Hersh, respected as a meticulous and thorough researcher, spent three years otterviewing senior American and listaeli officials and scanning previously classified White House papers.

Other revelations in his book, led to the sacking this week of top Fleet Street foreign editor Nicholas Davies, named by Hersh as an arms dealer and agent for Mousad, the locael secret service.

The claims of South African its-olvement in the lunelnucleur programme have gone unnoticed in the controverso. which has even reached the House of Commun.

Billionaure British publisher Robert Manwell, also tarted as having heads connections, has much write against Hersh and his publishers, Falter and Falter Hersh says the South Africans wanted to develop a "low-yield nuclear artillery shell" which could be used if frontline di-fences were breached and urban centres threatened.

They found a willing ally in listael whose nuclear programme, based in the reactor plant of Dimona in the Negro, already was well advanced.

The Israelis found themselves alone on 1967 when Charles de Gaulle decided to withdraw clandestine French support at Dimona. They also were unable to conduct a test without alerting the Russians and Americans—whose ups satellites were orbiting—and causing immediate uprior.

The South Africars had, until then, been supplying Dimote with shipments of raw uranium "yellowcake" from which platonium could be processed in a warren of secret vaults buried deep beneath Dimona.

The 4 inverses were restricted to 10 tons—too small to require monitoring by the International Atomic Energy Agency.

Hersh quotes arms dealer Mr. An Ben-Menashe, who at the time worked in Israel's Ministry of Defence. "The South Africans weren't good at all as a nuclear power, we had to help all the way."

The Americans found out by chance what was happening when a storm over the South Indian Ocean cased momentarily on 22 September 1979.

As the clouds parted a nuclear detection satellite known as Vela picked up two flashes of light.

The flashes were distinctive of a nuclear explosion and had only been picked up before over Lap Nov. where the Red Chinese were conducting test atmospheric explotions.

Hersh says the test was probably conducted on a burge

brants sources told him: "There was a storm and we figured it would block Vela, but there was a gap in the weather—a window—and Vela got blonded by the flush."

They also said that at least two locaeli. Navy ships had sailed to the site, with a contingent of locaeli military men and nuclear experts. They were accompanied by the South African Navy, with their own experts.

Three days later, President P.W. Botha, as yet unaware that the blast had been spotted by the Americans, "swapgered" into the Cape National Congress and warned South Africa's enemies. "If there are people who are thinking of doing something else. I suggest they think to see."

"They might find we have military weapons they do not know about."

The Vela sighting caused pantic in both Washington and Tel Aviv. "People just stood there," recalled one American official.

"There was sheer patic. It was very much 'Oh dear What do we do with this?""

From here. Hersik delves into intirque. He says many figures in the Carter administration were secretly supportive of the Israeli ambition. It became imperative, he says, for the American president "not to know what there was to know."

In addition, President Carter would harm his re-election campaign, then about to take off, if he offended the Jewish vote.

A month lance, Secretary of State Mr. Cyrus Vance told newsmen the Vela sighting offered "no conclusive evidence of a nuclear englosion."

The finding outrained sensor scientists at the nuclear research institute in Los Alamon, site of the world's first atomic explosion designed by Dr. Robert Oppenheumer. The statistic melf, had been responsible for designing. Vela.

Hersh quotes Louis Roddin, a member of the Nuclear Intelligence Panel, the most highly classified intelligence group in the U.S. government. "There was a real effort on the part of the administration to downplay it."

Deputy Under-Secretary of State Mr. Joseph Nye jun-[name as received] latter told Hersh: "There wasn't much that could be done. The Israelin had already done it imade a bombi. It was not something you could make a demarche about. The question is, do you make a bighullabalise about it?"

The answer was no.

In Tel Aviv, the Vela sighting caused similar pains: Hersh says the tests probably were arranged in a secret agreement with Prime Minister Venter by former Defence Minister Mr. Stimon Peres, when Mr. Peres voited South Africa in 1977.

There was a nift between Mr. Peres and the newly-elected Prime Minister. Mr. Menachem Begin, whom Mr. Peres had treated with "contempt and ridicule throughout his career."

It is likely that Mr. Begin was not immediately aware of the South African/Israeli collasson until the Vela sighting.

Mr. Ben-Menashe says that Mr. Begin, in an attempt to get to the bottom of the matter, decided to send his newly-appointed Defence Minister Mr. Eser Wessenan to talk to Pretona.

"Writeman came back," Mr. Ben-Menashe recalled, "and said, 'we have promised these gays nuclear warheads." He recommended to Mr. Begin that they pay up and carry out the promise.

Armson Subsidiary May Lose Missile Test Site

92WP0087C Johanneshung THE WEEKLY MAIL in English 8-14 Nov 91 p.)

[Article by Gavin Evans: "Council Fires First Salvo at Armscor Testing Site"]

[Text] The embattled Armaments Corporation of South Africa (Armscor) yesterday lost the first round in a newwar building up in the Cape Supreme Court. What is at stake for Armscor is its rocket fuel testing site in the beart of an internationally recognised Kopelberg Nature Reserve in the Cape Peninsula—valued at R41-million by Armscor and R10-million by its apponents.

The Ross Els Local Council is suring Somehem (Pey) Ltd (Armson's rocket fuel subsidiary), together with the Overberg Regional Services Council (ORSC) and the administrator of the Cage. If the Ross Els council wits, Somehem will be forced to close its operations in the reserve, which have been key to the development of its ballistic missile capacits.

Mr. Justice Harold Berman yesterday gave the reasons for his 16 October judgment, in which he ordered the ORSC to pay all the Boot Els Council's costs on a partitive (attorney-client) scale from 10 July, for unnecessary delays in furnishing a number of documents concerning Somethem's occupation of the land. Papers are currently being exchanged between the parties, but judgment is not expected until the middle of next year

The council, which is being supported in its action by several namounding local authorities and ratepayers' associations, is claiming that the ORSC (and its predecessor) has no authority to leave the land (known as Portion 186) to Somehem, and is asking the court to review its decisions in this regard.

What has prompted the residents to take the armaments guest to court in the noise and air pollution they believed Somehom is responsible for. The site is set in a "floral kingdom" which is being submitted as southern Africa's first "biosphere reserve"—an area registered by the United Nationals Educational Scientific and Cultural Organisation because of its species diversity.

For years, residents have complianted of frequent day and night explosions which are described as "shockingle load, even several kilometers away."

On some occasions these "bage booms" have been followed by a "massive plante of white smaller micig tearly a kilometre up and leaving the smell of chilomer in the air."

Until this case first came to court earlier this year. Somethem had retained total secrety about its activities in the area. What is now acknowledged is that Somethem has two testing ranges on Poetion 186—one involving the use of a large calibre howitzer for testing muzzle velocity, and the other used for testing rocket properlanes.

This site is one of four involved in the production of bullistic missiles of various descriptions. Armsco.'s think tank. However, is based in nearby Grabouw Somethem's head office and factory in Somerset West is used for the production of the rocket components, while the missile testing site is situated at the Overberg Test Range in the De Hoop Nature Reserve.

THE WEEKLY MAIL has documents showing that in the mid-1980s huge amounts of missile-related techtology was imported from the United States. Switzerland, Germany and the Netherlands.

One document, duted 28 March 1984, and signed by Somchem official Johannes Stefanus Marais, details the omport of two cases, weighing 149 kg, containing "Oer-tikon Pressure Test Burrels," and "Parts of Military Projectors," from Machine Tool Works Dertikon Butste Ltd. of Zurich, Switzerland.

Another, dated 12 September 1983, involves the import of 185 kg of "bomb calormeter and accessories" from the Pair Instrument Company, Moline, USA, Eight months later the same American company sold 7.5 kg in replacement parts for the bomb calormeter. Other imports involved large quantities of chemicals (believed to be used for missile technology) from Shell and other U.S. and European companies.

in 1989 the Roin Els Council was formed as a forum for homeowners' compliants. Two factors brought matters to a head and led to the current legal action.

First, the Caledon Divisional Council (which had previously leased the 400 ha land to Somehem for R25 a year) announced it had sold the plot to the company for R500. Then Somehem atmounced plans to engund its presence there (and indeed has clarted to build new facilities on the plot since the matter went to court.)

The Ross Els Council argues that one of the conditions set by the administrator in transferring the land so Caledon Divisional Council tand subsequently the ORSC) was that there should be no building or subdivision on it. It was in effect, held in trust for the local ratepayers as a water storage area.

In 1985 it was declared a mountain catchment area by the government, which meant that the Caledon Divisional Council was obliged to maintain it in a printing state.

The Ross Els Council is arguing that the ORSC, in leasing the land to Somohern, did not apply its mind to these obligations, and therefore the lease is invalid. They are asking the court not only to order Somohem to leave the area, but also to restore it to its previous state.

Official on Control of Missile Sales, U.S. Ties

HK2911071291 Hong Kong THE STANDARD in English 29 Nov 91 p D-5

(By Cary Huang)

[Text] China is willing to cooperate with the international community in the peaceful use of space technology, as well as the control of missile sales, says a sensor Chinese astronautics industry official.

In an interview with THE STANDARD yesterday, Liu Jiyuan, Vice-Minister of Aero-Space Industry and Vice-President of the Chinese Society of Astronautics, said China's space science and satelline technology were mainly aimed at social productivity and economic development.

Mr Liu, a Soviet-trained astronautics expert, said China had sold a limited quantity of arms to certain countries, but these were mostly defensive rather than offensive weapons.

"China's arms sales have been much less than those by other major nations, especially the United States and the Soviet Union."

China had adopted a very cautious and responsible attitude on the issue.

"We have set strict guidelines. Firstly our arms sales should be confined to meet the defense needs of a country, and secondly such sales should not threaten the stability or security of the region," he said.

"And thirdly, our arms sales are in line with international pratice and we are willing to co-operate with the international community in this field."

Mr Liu is in Hong Kong to launch an exhibition on China's aero-space technology—the first by China in the territory.

Although he had not been invited to take part in negotiations over the control of missile sales by the seven industrialised nations China, which was not a signatory to the agreement, still followed the international practice in that field.

In response to Western criticism of China's misule exports. Mr Liu said the Western nations, the United States in particular, had exported much more misules than t-hinta to other countries, including the Middle East.

Mr Liu added that China had co-operated with the other four permanent members of the UN Security Council when they met to discuss the problem in Paris in July and later in London. Mr Liu said both meetings had resulted in an understanding on the principle of missile sales.

The official denied China had sold missiles to Iraq.

"I had read some media reports recently which said. China had exported missiles to Iraq. I know this accusation is totally groundless." he said.

When asked about the prospect of China exporting astronautics technology, the expert admitted that the U.S. ban on new export licences for satellines destined for China would have a serious effect on the industry, though many nations and international companies had shown interest in space projects.

The Bush administration last June effectively scuppered a bilateral agreement under which China would have been allowed to launch nine U.S.-manufactured satellite payloads over a six-year period.

"We hope after the improvement of Sino-American relations the situation would be better." he said.

Though he believed the American government felt its ties with the mainland were important, he did not expect a great improvement in relations in the foresershie future.

"I thought the relations would improve following the visit to Beijing by American Secretary of State James Baker, but I do not think it has had a substantial impact at the moment. And I do not expect a great improvement in this brief space of time." Be said.

JAPAN

Defense Official on Seriet Nuclear Arms Control

OWNERS NO TORSE AYOOO IN ENGINEERING WITH LIMT & Dec. 91

Text Tuiss. Dec. 9 KYODO—Japan is concerned about the management system of nuclear weapons deproved in three predominants Savic Soviet republics which announced Sanday the formation of a commonwealth, a top Defense Agency official said Monday.

Akera Hissoshi, vice minister of defense, total reporters. "I fear the fact that the ownership of tuclear arms moving to each Soviet republic from the central government, which means fresh unstable factors could be created in international society."

The leaders of the Russian Federation, the Ukraine and Byelonussia declared the demise of the Soviet Union and that they were forming a "commonwealth of independent states."

Historia also referred to reports that the three republics will control their nuclear amenals under united authorities, and said. "If such a control system is reliable in would be preferable."

"I hope the United States and the Soviet Union will be able to make progress of the process of reducing their remaining nuclear arms," he said.

SOUTH KOREA

North Says Japan Is Developing Nuclear Arms

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Report to Par Myong-poli from Vienna

[Test] On T December Chin In-chan North Korean ambassador to its mission in Vienna, who is participating as an observer in the lineringuousal Atomic Energy-Agency board of directors meeting being held in Austria's capital of Vienna, stated. "Japan is promising the development of nuclear weapons secrets. The international community must be on the warch for the possibility of Japan's development of nuclear weapons."

This claim by North Lores was the first time in which suspections about Japan promoting the development of nuclear weapons were officially discussed in an international meeting.

A high-ranking official of the North Korean mission said. "We are picking up information from vaccious places stating that Japan is promisting the development of nuclear weapons sourcelly. We know that the United States is aware of this and that it is carrying out close impection of Japan's nuclear-related acceptage."

Distring the board of directors meeting, the Japanese representative stronger denied North Korea's claim and reconfirmed the Japanese Government's three main posities, that it does not produce maintain, nor lining it receives weapons.

PRC Said Unlikely To Veto L.N. Nuclear Action

SAST (SHAPE) Sense TONHAP IN ENGLISH OVER GMT.

[Test] Seout Dec 1/(VINHAP)—Clona is not expected to veto when issues of North Koreas traclear development program are discussed in the U.S. Security Financia, a South Korean Government official said hallorday.

Given the Chinese attitude at the time of South and North Korea's simultaneous entry into the United Nations, the official said. Obina's position seems to be "Otar" as far as North Korea's nuclear program in othermed. He did not elaborate.

The official said the government was confident the nexmerting in February of the International Atomic Energy Agency (IAEA) Board of Covernors would be a turning point for an international bid to stup North Kirca's panto develop nuclear arms.

He said the government would promote a separate international effort to block North Korea's machine arthuring from the EAEA's uniquesce in surveiting. North Korea's machine affects affects the societies affects the socie

He said representatives from the United States and Japan base proposed in the current IAEA Board of Extremotors meeting that the agency draw up concrete partitive measures to be used against North Korea occasion North Korea should fail to sage the North Korea should fail to sage the North Roman panels.

PRC Chemical Computer Establishes Seoul Office.

\$8.70 [20] [20] Series [199] ACRES & HE R & F. In English 20 Day 97 p. 1

Treat The Missions of Trade and Industry has permissed the establishments of a Seoul Separat office to China National Chemicals Import Export (SINIX 10EM) bina's largest trading firm speculating to permissions of products.

SINCK HEM, with annual same of \$1.2 8 bolion and oracle from from an an an an analysis of Lorent Roma. It was an an an an an an analysis of Lorent Roma.

Eight Chinese focusioners have obtained permission in midfield frequency been but all of them were either bound. If 4 third country or were Korep-China soon versions. they said.

SINCH HEM's advance here in expected to facilitate a rook of Chinese forms to Korea, the officials said adding that the mission will allow more I house from in

areging with the authorating cumomic ties between Second and Serving, including the scientialed conclusion of a binateral trade agreement.

Note Riorean businesses and the Riorea Foreign Trade Association (KFTA) are now operating a total 13 branch offices in Briging and other Chinese cities.

In a related development as increasing number of Korea's small in medium-sized businesses have made investments in China according to Korea Small Business Promosion Corp.

In a China investment explanation session held at the RFTA, the small businesses organization said that Korea's investment in China has totaled \$112 million on 30 prosects as of the end of September.

The smaller forms investments represented \$0.2 percent of the total in terms of project number and \$9.5 percent or atvestment amount.

Most of their investments were made to capitalize on the theap taker in China, it said.

Joseph venture projects had accounted for more than "5 percent of total investments ustal 1991 but independent projects numbered 18 thin year accovering for 40.9 percent of the non-month total.

North Scientists in PRC Develop. Test Missile

SAN'I NO | WE SEEK SEEK I SENDE N OF KIRNER

Test) In addition to North Korea's en-going development of tracling weapons, it sent a large number of scientists to Clima to develop a medium-range missile and the delivery system for nuclear weapons, and it had toxicostally developed to own missile.

Defense experts said in 6 December: North Kosean experts successfully tested a medium-range murigin-warfread misside with a range of BH km. at a nuclear tooker base in 3 inchiant Gastau a northwestern province in 6 hints.

These experts ann said. North Korea developed this attramodern mission with Chinese assistance. Also China sent a taun hing pud for liter less.

They also said. "North Kiero has seet 40 military and weapons experts to the nuclear rocket base in Vinchisan setur." (484) and learned how to test nuclear secapons and fastion immissiles from China. They also said. "Green the fact that North Kiero soccessfully developed and rested the mission there years after it had sent missian experts in China. North Kiero must have augusted technologistic tenning out tear wrapions to a great extent."

They also said. In addition to do development of the medium-range missile. North Korea sent 230 Arms. Navy and Air Fince weapons expects to a have base in

Dation on the Leandong penetratia for training in techmany for developing ship-to-ship surface-to-surface and surface-to-air minutes or to develop them.

North Korea previously deployed an improved generation of hoad missies, with a range of more than 500 km, morth of the DAIZ for actual combal purposes, thus including the entire Korean personals within their range. This was followed by the development of the "Nicking No. 1" surface-to-surface missie is hose range in 1.000 km, which includes Japan within its range.

The minister experts said the multiple-warhead mission whose range is 800 km and which North Korea successfully tested will prove a new threat to security on the Korean petitionals and the bulance of power in northeast Asia.

North Korea developed the multiple warhead mission a surgorps, delivery system, with hurtical weapons development in mind. Compared to the single warhead mission the studie warhead mission the studies warhead mission to a very fearsonic weapon Also, if it is transcribed in Prongrang or Woman, it can reach not only anywhere on the Accrean pennissia har also. A raths and some areas of Japan's Honshi.

RUM Defense Ministry officials declined to confirm this However the unest edition of SENTAKL a presignos-Jamanese monthly magazine reported this

North To Sign Accord at Start of Weapons Removal

SA 17 70 R For Noval & BETSLES (2.80) or A record to Day 18 ft J

Test I from Insichan amministation at the North Kineranministant to the international organizations of Furnisamit with RTIK reporters on 4 December (Victoria time).
Referring to the preconditions for North Kinera's logning
of the Nachtar Natequants Accord be said. "North Kinera
will sign the accord immediately after the United States
beginn withdrawing nuclear weapons from the RTIK and
officially informs. North Kinera of this." He are used.
The nuclear facilities and nuclear basis in North and
South Kinera will be inspected after the DPRK-U. S talks
decide what facilities will be inspected to semidiatents
important and when and flow and whether the facilities
important. Energy. Agency will participate in inimportant.

However Ammassador Kim declined in unmount directly on whether North Korea will allow inspections in its faciones suspected to be facilities for nursear direct opment, adding. That can be decided during in-DPRR-1. S talks.

MALAYSIA

Writer Calls for Nuclear Technology Development

1250 HOSSA Rama Lamper BERTT & HARIAN In Minister 11 Oct 91 g 10

Article Sy Kamai Ahmad. "Malayera Developing Nuclear Technology."

[Text] The nuclear science field, with its most modern of ricitive power technologies, needs to be expanded in this location. In the nun-decemi-govern sector, the three aspects approved for Malayrea are

- The medical industry—radiotopy radiotherapy and medical insearch.
- Industry—extensive use it ind engineering and and mineral analysis, and the testing of electronic compotents, and
- R.A. D /research and development) in agriculture and regard section.

The UTN eNucleus Energy Units, as the organization requiresitie for encouraging, expanding, and supervising this sector must plan and implement # & D programs for widening the use of nucleus science technology for agriculture, manufacturing, fixed production, and medical

In on B & D. the UTN has been successful at producing summables through a laboratory process using natural rubber and Malaysian paint oil. The substance is satisfied does not contraminate the environment. This success is the enumber of yet one more effort to diversity the use of the country's natural rubber for the sake of diversignment and the economies. The UTN is plus responsible for new singuin or closes, of plants and has been successful to producing the rice called "Ati's Staff"

In the field of nuclear medicine, the UTN acts as a program coordinator for the training of operation of their large temporals in Australia. This nine month program devolves three groups, each of which includes medical experts, physicism, pharmacies, and techniques After andregoing training, the groups will function using the "nuclear clinic" method at the Kaala Lumpur General Pluspital for the central and southern somes, the Maissia 2-vence University Biospital at Kahang Keruan. Respital courtbeen some and East Courts and the Kaching General Biospital in Sarawak (for East Maissia).

According to UTN Director Dates Dr. Mond. Usuages Abdul Rahman, medical science offers a broad field for pronocering. Practical aspects on this country are minimal compared with other developing pountries like India and Palinage, which have more nuclear medicine requirement

Should the use of nuclear energy, which is this country is now directed toward the non-electric-gower water by shifted to power agreements. This question can be assessed to restauring that far-

- To what excees well the people accept the construction of a tracker reactor?
- Is the government abor to bear the cost of building and operating a nuclear reactor and able to bear the rods?
- · Where would the reactor by build?"
- To what extent would Malassian experts to after to manage a reactor?

So far the country has depended on electric power from four sources hooles, coal, oil, and gas. Nuclear power would be the last concern.

Nevertheten, the government needs to think about planning and employmenting the construction of a nuclear power reactor as preparation ful also unexpected power cross in the future. Malassia needs to be reads and to face the fact that at uniter point in the future we will run out of oil and gas. This originals will bit every country it the world. Hydroenocitic power generation will not accommodate the include roung demand of the industrial growth that will be the country's togetheat. Even if no and gas are not degitized, they will be more expensive and it will not be an occomomical to generate power using those furth as in our charge promount to produce radions.

Malaysia is now emproving the third era in power generation, against a personal of using LNU disparted natural gas, since oil and coal were found to companious the environment. Nuclear power is natural as a future source of energy because it is an up-to-date technology that is though safe and clean.

The UTA formed in February 1985 new has enough expertise to operate a nuclear power reactor in \$4 specialists of various appears of nuclear scretce are recognized increasionable and are ready to lead the way after their receive contraction and expenses with the private firm that builds the reactor.

The sair of nuclear power is not foreign to developing countries in the Sciuthern Blin and the Asia Pacific region India. Pakennan Japan Korea and Tarwan for changin. have nuclear reacture for generating power white function. Indianeesia. Materica and Thailand have posteroid in 1 of directions.

According as reports on lance divelopments, indicates a piges to build a realizer reactor under a project that is to began in 1991 and is expected to be finished in 2002. The Philippines is also said to basic built a making reactor under the allerancementation of foreser Projects Marcin.

The development scenario for nuclear power in inegawater in developing unumines in Asia is allowe in the sable.

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The figures of the cable were taken from a working paper presented by Budi Sudarnomo at the Seminar on thi and Can Environmental Strange, for the Ania Pacific Region, which was held in Kunta Lumpur on 26 and 27 August Budi Sudarnomo is chief of the Energy Sources Section Nanaral Energy Sources Devision of the UN Economic and Security Lumpussion for Ania and the Pacific

In the developed countries. BU percent of France's circums power comes from tracking power lague. 5-40 (ps published) percent and the Claims States. 20 percent Yes Extend States is facing problems with oil supply and other energy sources.

It is a fact that developing countries will enter the suchest power age. To respond to the used for electric power which is one of the court ropes of "suposal" for becoming a developed country. Malainua also meets in seek alternative energy sources to reduce dependency in hydroelectric power oil, and gas, he a future enduring country electric power will be used to the massimum in the enduring sector besides serving the daily needs of "I million people."

At present. Malassia dises not have a multipar power reactor and has only a research reactor capable of generating 1 megawatt of electric power. A nuclear power reactor generates 300 to 1 200 megawatts.

1/TN traction scientists are always looking alread in future developments with an animalir of read-times as the conduct spread bonds of research. They are receiving their vision while they follow traction unchannings development (froughout the world).

They are period training through various programs is invations with nuclear regulators to resume that they will not be left behind Whether or not we have a nuclear reactor depends on procedured powers has an acceptant we made in ready at all times.

*Although our coperts than bot be used in this countrythry than he used by other countries, and at some poors or than country them.

The UTN is welling and capable to operate a tector power reactor at any since " said Dania Dr. Molid-Obargo.

The UTN tion has 64 expects its national tion testing govern harder fetids who are related on by other countries for managing courses and giving incluses. The UTN focuses on certain ferith it has found to be developing quality and is increasing the sumber of its expects in those ferith.

"If we become a member of the International Science, Entropy Agency (IAEA) we will have to sign a squemest that our observation is not power (as positioned). We will then have access to information on practiful uses of madign technology." by used

Nuclear reactor safeto is give por economical in the country bowerser. An LAEA scarm of 10 nuclear requires which is known as "Safeguard," coor every two organizations in country to chapter records discussroom, and places to ensure that the LTN does not resigns regularizes or agreements.

Material can be proud that two of our univers and "Safeguard" members responsible for expecting nuclear reaction of other couplemen.

Normally a reactor in hash this company and three local regions become operated in possible controlling it for a specific time white their study its management. If a second reactor is broaded, basis experts will just the company its broading it another a most recogni-

Strappe of its good record to conducting and superviving R & D work, the UTN excel be concussed with spacing the first step into the nuclear electric power etc. The main point is that, for the sake of the Sprare of the country and all the prospec the public needs to be good an explanation of the organization of the organization.

SINGAPORE

Company Embroided in Iran Arms Scandal

##16/11/490: Sumpapor FRE STRAFTS TIME:

Name as report to Nambra Danier

Test 4 Singapore compates a subsidium of a Musicipand corporation has become embracied in as presumagaling scarcial.

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The mounts and committee were alreged amounted in true department as committee accurate parts and with the names of the confessor's names (gradient)

limber Sugapore and U.S. laws, the importing and reporting of green without proper learness is dispar-

Acres Sources Pic Lid has been indicated in the U.S. along with its parcel compacts. Acres Sources litt. and attention subsultans in Hong King, Hieran, Sir unling millions of distans worth of areasters U.S. made nongamental reprogramment and in the Phaestern and

Two Screen Acres Sources lib., renginerous built if then. Assertanate, bares also been charged

A Transcription control to Arguer Arrangement functions, and there of an emigrowers have also been named in the code-timent.

that developments are still goods on, with propie of Singapore Phong Kong, Japan and the US bring profied

The of the two hongaporeum allegeds counted a plantime employee of Jens Sometta Pie Lid while the other a cold with the company.

When connected, both of them said they did not wart to combine

Asked if the way aware of being atvernigated, the current employee of Acro Systems Per Lab used. This is known acrolling and I don't wate to those profiling.

A STRAITS TRAKES attressinguishin upunding their countries—the Linned States. Input and Hong Kong—alterescaled that more Singaporousts could be involved in the am.

THE STRAITS TIMES also obtained documents from the U.S. Altorrary's Office in Washington IX. detailing the charges.

Singaporepain from the same company have assumed inimplicated to a related investigation in Jugue, where the processions in carrying out its own people into the disquisair of Sidewooder arr-rower mission parts to Jean

rapper Avapour Electronics (EAE) is alleged to have repaired and unid USE*, 23 million (SE) I 6 million i Suggester comments worth of Subremaker resour partter the Wages-based Arm Sourem for knowing thrusparts would be discreted to brus through Arm Sourem Hong King and Suggester subsidiaries. nationing (the partits was a direct determining a realisation which is could so the case origin of the mission's hour makes because the face that the first direction of the beau-working decimies to the arrangement published of the beau-working decimies to the arrangement.

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But board on other courses in the J.A. lague. Houseway, and Songapore VMI STEATS TIMES managed to office the dates of the Songapores.

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This was in endance of the U.A. sints Espect Common Not and the International Traffic in Note Engagement

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inversed in arranged through here frozens subsubgross to just the pures to Neutral companies of francial minings.

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"We besieve it was a minute resource of improvement later a forward apparature." He said

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is must, such chances and other belong documents were unit to be smoot by therein to Farmet or Cond. Manner, which would recttain make paretisest through the flace Medi ingo transit in thong Kong.

A check of the company records to Blong Kintg slowed that Famus and Cool manner are companies owend to three francas merchanics—faryord Valorian Micro. Shahpoor Afrantisch and Discool National.

BLLGARIA

L'Argente Will Destroy Naview Arms

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First Sella, Des 11.14Ph-4-brache will deuters all to traciteal weapens within prosen years, the republic 5 foreign transmisser Anaest. Ziertan used from Freder. That it refers commoned counterters being in manufactly, the tenso percond count for oil to these to five neurs. He said during a transming with his Biogarcast counterpart Storage Canterior of Section Bargarcast several reported. (Stracte Specied the Accommission of all the facilities weapons over 10 perconnect the would take place to these trages over 2 perconnect to the perconnect of all the facilities weapons over 2 perconnect to the perconnect of the per

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of V2121 mill Solio 24 (NASA in Bargamum 1.8 (See VI v.).

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Continue Mr. Sandstonia, during moves mounts, fourattr-Bangament arms gone to Vagoniania.

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Butters to least in the general insultion in our person

(Accres) The volume is rapidly declining particularly as a result of the discongramme of the Soviet market

Buckert is it at all possible to make the Conthosoryal arms trade public to the point of dispelling doubts necessary in respectability.

Reserve of would be possible technically but commercially because of compensions, any information would be their madeen. I would like to point out that arms uses are now a pointical mass for an

Buckert; Arms exports are declining. Will this also have an effect on CMNIPUL's operation?

(Antero) This year arms represent to percent of our furtherner and we expect that this figure will be unaffer total year.

Prague MLAZIA FRUNTA DNES is Cooch on its December on page II in the "From Home" column patticibes a 40-word report that adds "Special technology dispersion to the Pakingan Arms were the ratheast of degeneration to Tarry Regimenture and MANIPUL direction who sugetter with the Federal Foreign Trade Mittally section, over their with the Pakingan Arms Arms Regiment of the Pakingan Arms Arms Foreign Trade Mittally section, over their with the Pakingan Arms Arms Foreign Charlest of supplies

IL GOSLAVIA

Production of Chemical Waggers Near Montay

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this and concerns have a poor been an article in international representation of the arms trade Which trade to
preside concerns. The J.A. is made manufacturing those
this and concerns. Or country purposes. But a c pre-

problem for someone manufacturing the "distant on some" to also product the authoritis observed weapon. The guestion constrains arises. Where are the "death inches to be part of the product of the sound.

Between Started Ware and a Mine Field

In spine of the deministration that has opened a gare that until remerday was alound under III locks. this topic is still algorithm in "worth confidence". But the sensity confidencial does not have the importance rades it once had. Propte are talking more freels. And attliough there are discrepancies in the stories about the incarrent of chemical weapons factories, on one point they agree that the "beave" chemical responsitioners is it the artifement Virgorius & fire automaters morth of Monage In that sentenment, one uses a rather low building rectioned at a raction of 1 are to new hardest worr femore. There is an interview of some of markins between the first and second barbed were fraces and most taken a mote Sarial No Say, not may high stated or classic in an empounding to remit the putter of that thought facility through official channels. Manager reflects, however, have given denied the numerous governors about this "configure an a note for weapons production. Thus is enough to proper representative enterents

There is no dispute that the construction work or the "morrate" was compared in (WA). Although then the track proptic formed "urbanishin deep Assandancests," which terges that there of the invocalization is beneath the surface in the bands money ground of Hercogoroma, it weems that the key year or the operation of this revulation was 1977 City revised afficer of the EA visit as that seems Springers were respected for the factors from France that very. There are become of a bond with thick meet with and plugs of special good allows. It is it mesons in some the and the or independent it the process of manufatyring (firmical weapons. According to what we were sold three farma or more determined to the French form The Cherrich security by under of the upper exhausts. Reserver is sould be that the Evenit cooling partners were governed automorate the purpose of these Spreaders. because the course transactions was weapped to "contian collegitate. The importation was done to the Sangero for "Motioners". The representation the up and research to the personnel of these revolved

One Come Language

The engineers between of the factors of bragains is compossible by the strong security consisting of gradesmental windows and several existence trained diags, who considered that several die content to the madeline of the think it manual deviations to the madeline of the think it manual deviations for the statement of personnel is attituted basis for effects structure in known full the rengionsess are further or Ministratingment. Engages there have moved form from the property of the entire of properties of the term are bragin. There is one firms rengioned in the factors for disconnection to whose blacks the configuration of the present described and the reservance of the present of t

By means of the Surraces imported there from France, it a possible from components and it the chemical industry casually the commerce industry's or manufacture "boman," "tabus. " Conf recently most of the factors a Lapacitic was crossed toward manufacturing one gas It was packed in moral canssions marked TCS 4. The remainder of production here is also performed under code names. Most of the employees do not even knew what they are making. The production process is at regardered that cents a five supervision know all the delaits. The operatives themselves only monve at under Min components A. B. C. it such and such proportions. from from their vibral interrupted a floor bath date in pressure. Members of AMI units from Skipty recall that they could read on the manuments arroral types of chemical ecuptom move topes, prechapters ropes, and Mineral Income

Our made concerning the factors in Vergence indisques the possibility that the forestory phase of "processing takes place somewhere in facilitie. Those with whom we taked use at the Langus engineering factors to be facilities for surrough kinds of concernments transcores here with thomographical warpoints. This is indicated because officerated tracks with factors places from Carak Parkeren Krauevan and Beignade out the factors of Vergence. The rooms are given a progen and when

a track is bravity the "interrupt," thillian policy arrows complemely block the main highway between Sacaptive and Missian

Land Propin Without Masor

A dispute between the local people and the tresternous балогу и ондисатие. Еуге експекция исполу жаст разпраsufficient in capacity to supply Moscar, were inscalled as the local water waters to meet the needs of productions When they were contailed, the local people were promand that they would operate cuts two hours a day. But sometomes then operate 24 hours, and muon tocal people. are deciding to dig wells even though they are connected to the water supply. All the protests of the tocal people because of failure to respect the agreement have been in said. The Arms is not accountable to around become the scream from the faucto of the people of Veapour has been getting thintier and thinner which indicates that production is bring inepped up. The Neversy rights in well-known for its above average number of organization managementary, and some of the members of the Parts of Coveres from Montay are onclosed to the assertion star all of this abouild be attributed to the plant in Vrapous. It was omen upod that this necessarily because of the promondmore approximent of periodics, but the "Green" up. It the Severing nation personales are not used more than they get it other regions."

The chemism with whom we consisted up that the process of manufacturing chemical weapons under the conditions described cannot be homocouple usafed, and the allows a direct connection between that production and the above-average number of managements. Everything that is taking place there is a secret one to those who are more throughout them is a secret one to those who are more throughout them is a secret one to disaft that somewhat is friendly confidence were conditioned. I IESNIA, wastern it much greater desail and with a much true correlation its resease of the

ARGENTINA

Meson To Sign Vicano Nacion Salegnard Treats

PT IN IN INVITAL Burner Aven MOTRIAS

Child VIIVAS in Spanish 1121 GWT 4 Dec 4

[Eco: Buenos Aren. 9 Des (NA»—President Carton Mirasem will travel on 12 December to Vienna, Austria. In Vienna, Menem and Brazioan President Fernando i ottor de Mello will uga a nucleur saleguard treato with the Innovagional Assetto: Energy Agency (IAEA).

Menon is actualised to leave Vietna as 11 December directly for Beginna where the will task a two-day meeting with the colleagues from the Merconar (Common Market of the South). During that meeting the Merconar presdents will discuss reportal image.

The anticoncernment about Mercen's anticheduled trip to furnise was made totaght by presidential quotation fluorisems. Triends Triends used that the Argentine and Sequence Furnish Mercenne had reached an agreement it sign the financial new instead of text year as it was regiment.

Transfer used that Mement had decoded to set ahead the signoring of the agreement, because Collee de Molte o scheduled to layer tomaghe for Viernes on an official visit

Messon will arrive in Vienna on 13 December to sign the Argentius direction agreement with the IAEA. He will may in Vienna until 15 December when he is whethand in the in Brigaing.

in Brauctia, Microsom, along with Provident Collier de Mirito Inom Braint, Andrew Bisdinguezz from Paraguaand Lion Alberto Lacadie Hermony, from Unapago will men un in grad L.T. December without the framework of personalistic Microsom tagestagezzon.

Presidential spokestran Highlitene Toledo nonel that through the agreement, the two couplines seek "to lend management to their fraction programs." The run must men signed a teatroir agreement at the bilanced level some other ago.

The North agreement will be agreed between Argentinia firmal and the LAEA, which is a change of commencing the practical our of huntery enemy, worldwide

Fromby print coronard. The atternational importance of the agreement in the agence in 5 series. He added that in its last misming of London. the Group of Seven had account at control paragraph in its last discussed prairing the making agreement achieved by Augustona and Brazil

Nuclear Agreement With Brack Detailed

TTILLIFE BURN CONTINENT OF SAME

Text Burnos Aves. 12 Dec /TELAMs—The National I intercounce for Assemble Energy (CNEA) has released some despite about the agreements on nuclear points than

will be uggerd in Austria to Argentine President Carlon Memors and Biocolour President Fernando Carlos de Media

The agreement will be signed to the permanent representations of the two countries accredited to the SAEA. International Assemic Energy Agency | Jorge Fasana and Thereta Maria Machado Quoncella, from Argentisma and Brand respectively, and EAEA Director General Hans. Bits and Jorge Cell. a CNEA official and secretary of the Brandings Argentisme Agency of Accounting and Commit of Nuclear Material Upper in Brandings Argentism & Control of Materiality Nuclearies.

AABAACT (as received)

Brazil and Argenting will thus favor the impromentation of saleguarding measures to verify the are for exclusively personal purposes of their success establishes, which will be subject to importation to the AARAM and the TARA.

After the agency, which will con- prace at 148.4 finalquarters of Victoria til 148.4 found of processor which will be precided over by 1.52.4 formation Manual Mondine unto taxis kague—will find a special armost with the participation of Mesores and I silve

This agreement and our upperd in translations on 16 July 1981 are in keeping with the communication cought taken in the declaration about a communication points between the new countries against to Minner and I offer in For de Iguary in November 1991

The AABAAI was imposed for the Lincolniques agreement and its purpose is an importance a common suggestion for many respective to sentile the car of promise resignations for the law of promise resignations for the law of promise resignations for the law of promises.

BR AZII

Aid in Robalding Transpt Reactors Discussed

symptomics brooms (10000) in 60 c2100 hts. in Perspect. See 61 a in

and the last of the s

Their Brand resid and part in the enterior train of hear transfers pagets of brain becomes discrete pagets of brain becomes discrete for their first-drain war their design is consider to that of the chart of the days and pagets. The matter was done among the real of the residence which proper terms between the consideration and the agreed to the age their except of the pagets of the age that the training the matter of the age to the age that the training the age of the age that the training the age of the age that the age that the age of the age that the age of the

The Boulette I and I majory pages aim under inamorphism of 100 where the out forms out and aim bounded to long arrived inner during the last decade When the war ended, from attempted to require constrution, but the German Government decided to furbid Knaftwork Union (KWU) a Someon subsidiary in the touling area, to continue with the grouper.

Although much of the tecremore equipment for the recollector of the plants is already in line. the German Lowertement canceled the export lumine for the tuclear engineering services sended to complete the project and so set up the two plants, and even required KWU to return the momen received from line is payment for these services.

Parkage

Brace is in the final strench toward the signing of a buge purkage deal, valued at least \$3 billion, to provide equipment and services to least it is on the basis of this opening that fran is weeking to obtain a counterpurkation measure from Bracel to rebuild its nuclear relates. The Comman form Houchard responsible for the conditionation on the two pignin, withdraw its services, traving Busichetic I with 60 percent of the construction completed and Busichetic II with 20 percent.

What from waters from Brazol now is a commitment to iromplete the covid contribuction, to provide engineering services through Nuclein Nucleiness Engineering, Inc., a subsidiary of Electrideus Brazolian Electric Power Company. Inc. 3, to manufacture some equipment which the Iroman need and to install the primary and secondary mean generation corosin. Later in, new committees could be upped for the graduation of fairs. For the plants first fact charge, Iron atmosp has a contract with United to airongues with Comman, British, and Durch capital, head-positioned in Almeira, it the Netherlands for the necessary organism exerciment.

D will be very difficult for the Brazilian Consermment of resert framear prices for collaborations in its nuclear program because, among other things, Brazilian computers for on the verge of closing the following deals as \$800 million contracts for commutation, to the Ahdrade Captions Conservation Computer, of the Karan 3 hydroeiss two plants; a \$700 million contract for Maleria to suggery are for the Telepan merco. a contract for the Zanion computer to the Telepan merco, a contract for the Zanion computer, to formick were sugger and alcohol plants, as an examinated value of \$700 million to \$800 million, and the procedules of a since of a mammatile contract to reducid several cities and highways, with a total value of several bellow distances.

(Ben. p 10)

L'WI Desired

Chromium Kanne K.W. representation to Brazil and CLERED BRAZILIENSI occurring that he does not become Brazil in regulation to provide the regulationing services avoided to complete the two brazilian teacher plants and, even of a west passable, he form that the Brazilian-Commun Naction Accord would provide Brazilian from gassing the technology that was transferred to a brazilian gassing the technology that was transferred to a brazilian transferred transferre

commany on to a chied country that the Comman Comentments could have out off. Francisco Novemba, vicin
provident of khidan (Brazilian Nuclear Energy Assertation), displaced klose's opinion and assume that Nucleo
has the capacity to provide the engineering services for
completion of the plants and that through Nucleo
Nucleotics theory Equipment, a subsidiary of the
National Nuclear Energy Commission (CNEN) located
in human. Nuclear Energy Commission (CNEN) located
in human, the de function and other national industries,
thracil is also capable of manufacturing 63 percent of the
secondary cocust equipment and till percent of the
promary cocust equipment to generate secun for a
husting state.

Last Fornands Benetists spokenman for liamarate assured secondary that the nuclear question is not on the agenda of Missian Roock's meetings with francas officials next Monday. Forester and Westersday.

Covers the semigeness of the Anges III and IIII projects to Buscherbe I and III. If Brazal does not again to the deal proposed by fran. It will only be for political reasons, because according to those or the sector from an occonomic and technological manifestors if could be the says asset of the Brazalian traction ordinary. Nucleic and other companies are about to dominiously. Nucleic and other companies are about to dominiously a highly opening and labor force, tracted during the 14 years of which the Brazalian Comman Nuclear Accord has been to effect

Argentine Quality Control Center Transferred

STREET OF SOI POWER SEAZET & MERC ANTILL OF PROSPERS & SIN SE P. LT

Arrector by Papille Tours

Text Buenos kores—Later komenca's most advanced endustrial quality contend conserving processes and services is being transferred from Approximation Brazil What is considered in a propert for numberoractive tensing and quality tensing which usual town has been carried out to Approximate. National knowns Energy Commission if NEAs ander the supervision of the International knowns. Energy Approximate of the International knowns. Energy Approximate of Lamour in San Paulit Science—150 am northwest of San Paulit—under the sponsorial of the Union.

In Engineering, the projects—answer technically as \$2.4 k-00%—approximation of quality contents in consection with traction activities for practiful purposes, and over the past two decades, it has traceed over \$2.000 engineers and technicals from 18 confittees in Latin America and the Carifornia.

There are two requires for considering it is branch foreithe countries in the require based decided to required the project's interchises as that it will now be assumed not store with ranking quality content has also will beautiques all the other to becompact the options. And Lamora is been seened in the the site of the project owner is a market

missiocipality on the contribute because of its infrasorutare with respect to water sewage and electrocity to in the first firstalian city where water and sewage are almost little-percent crossed and because it in toxical it a region with a highly developed metal engineering industy—the immediate beneficiary of the services that the new course will be after to provide

To house the project's facilities, the Lomeira mutucipal povertenests, with the cooperation of 42 ferms in the region, is constructing a building that will be ready it March of nest star. Laborationes having everything they send to ten equipment and the quarter of tife will be established on 100 000 square meters of land. The center's main purpose, however, will be to train specialized manpower in the field of quality engineering.

"Nondestructive testing" is the technical name for a method of testing durability, fangue strength, and adaptation to operating conditions which can be carried out without duraging the product—or enemapting the service. To explain it to emply and unscientificably it would be lake taking a tomogram of the human body to us to make a diagram with its need for surgery. Sais diplomat Zuhtair Warwar coordinator of toubers and development for the Branium Cooperation Agency (ARC), which is the agency of the Mission of Freezige Milairs in that per of contiacts with the UN Development Program it NOOP.

In Brazio. Percentras is a guomen in the development of sondestructive sensing, which is first used to test the quattre of drill bits. The government-owned percentrum company temped establish the Brazilian Association for Nondestructive Tening (ABEND) which with the participation of greater forms, has set up quattre control labs at various places around the country. The intention is to control those activities in Lemma.

All financial controllusions by the UNDF to the Lomera project—which now has the new name of RLA 8 of 5—will be outright grants. The Lomera manicipal government will provide the infrastructure recessary for operating the center Since UN controllusions categor go to state-owned organizations, the Lomera Foundation has been established with the participation of distriction from and extensive distribution in quality control and extended organization will administrate the center's faishfit.

The superior of Lamoura, engineer Pattern Pages Versiones, D'Angres (PRN (National Reconstruction Pages), who is Bacterio Aires to oversor the transfer of equipment and your the present facilities operated to the CNEA used that transforming his manifestation which has a population of 251 000 one a center for advanced score offic development with a "large aggregation of gravingsory" is a decire to tap been magnified which the facility, when he was first elected. This is D'Andrea's third tome as majori.

Difficulty in Pumppy of Nuclear Accord Seen

Victors Still on Agenda

925M01301 Squ Paule GAZETA MERCANTIL in Portuguese 23-25 Nov 91 g 3

Br Mana Helena Tachinandi

[Text] Brazil and Argentina concluded a comprehensive safeguards agreement law week with the International Attentic Energy Agency (IAEA), headquartered in Vienna Itamarany's Secretary General for Foreign Policy Marcin Azambija announced on Friday

The document cannot be ugged, however, until actor Congress ratifies the agreement for exclusively peaceful use of nuclear energy that was ugged last year in Foo do Iguacu and complemented this past July by the creation of the Brazilian-Argentine Agency for Accountability and Control of Nuclear Materials, (ABACC) in Goad-alaques (Mexico) during the first Decign-American summit meeting.

The Argentine Congress has already randed the agreement. President Carlon Memorn will only travel to Victoria to meet with President Fernando-Collor de Mello if the National Congress aggresses the fisiancial agreement. That would enable the two countries to sign the congreshensive commitment with the IAEA that will permit Brazil and Argentina to safeguard their industrial and technological secrets, and even as build nuclear-propelled vehicles has the nuclear submarine.

This pewspager has learned, however that it is unlikely that the Brazilian legislature will approve the Brazil-Augment agreement before its current session ends. Despite the difficulties of winning approval, liamarate is countring on that possibility and has already occluded a stop in Vienna on President Collies's calendar for December It would occur on the 18th, after his wort to Rome on the 18th and 12th

It will be harder to get the Benedium Congress to approve the agreement with the LAZA than the bilateral agreement with Argentina. That is because the larvel Chamber of Deputies Congressional Investigation Committee (CPI) on nuclear affairs concluded that inspection of Benedium nuclear energy activisium to interestational bodies would not be welcomed, as those activities are considered to be internal affairs of this country.

Preservation of rights of access to tracker technology, was a victory that the Brazilians and Argentines wort after months of tegotianion with the IAEA, which has tigated agreements samilar to the our that Brazil and Argentista will tiget, with major powers that are not militarily nuclearized such as lagran Sweden and Communic Argentista commented.

The saleguards agreement with the LAEA will enable the agency to shock whether the commitments assumed by the two countries are to pursue only the practical use of

anomic energy are in fact being observed and that no nuclear manerials are being diverted to war purposes.

According to what this newspaper has learned, the safeguards agreement will not hamper the technological development of Brazil or Argentina. Both will be able of they so desire to enrich aratisism in order to make the bumb, but the commitment they have assumed is not to make one. The control is exercised over the materials, not the technology, a digitomatic source pointed out.

"We have med to couch the accord so as to preserve development of inclinological capabilities and the possition of doing research, and so far we have succeeded through a great deal of effort," the source added

On 9 December: Brazil and Argentina will meet with the Bingtional Commission on Nuclear Energy in Buenos Aires. The two countries have been cooperating in this field since the end of 1985.

Opposition in Congress

625MF11MZ San Pauli GAZETA MERI ANTIL IA Pomiguni 2º Nov 91 p 11

8- Maria Helena Tachinardi

[Text] The head of the Strategic Affairs Secretarian Pedro Paulo Leoni Ramos, will triotife tomorrow before the Chamber of Departies Committee on Sanonal Defense concerning the agreement than Braid and Argentina plan to sign with the International Atomic Energy Agency (IAEA), whose headquarters are it Vienna.

The subject is arouning a great deal of controverse of Congress. Deputs Mauric Borges (PDE GE) [Christian Democratic Parts—Conac State]), a member of the Committee on National Defense and author of a formul request calling Leoni Ramon to testify monoders the agreement with the LAEA that was concluded last week at "introducing signature" ["association frames of Suction Weapons (TNP), which has been visited an originate meaning the all Brazilian governments using do originate testing on 1 July 1988.

In Burges's against, the "intervention to the LLEA" might permit the group of seven most industrialized nations, (the G_{ij}^{-1}) to interfere with Brazil's autonomous technological development:

If Presidents Fernando Collor and Carlos Mesons are to sign the safeguards agreement with the LAEA on III. December the Congress must approve the bilateral brazil-Argentina agreement in the peaceful one of tucleur enemy, signed in Guadaliquera in July of this year.

Legislation up it is attitude that this accord will be ratified before the I lift it has arready passed through the Committee on Foreign Relations, which defined the

ments of the document. Since Friday is han been proceeding semultaneously through the committees of futurnal defense and science and technology.

Not aims the end of that process will it be sent to the Committee on the Commission and Justice: which pass more attention to the form of a measure than to incommen.

Advisors to the Committee on Science and Technology told this newspaper that the subject will not be handled it haste because it is a delicate one that they add that the accord is good for Brazil because "it is an insurance pility against an attempt to persuade us to sign the TNP." The problem is not the Brazil-Appending mutual verification agreement, but the one the two countries ittend to sign with the IAEA say those same sources. At luminarity diplomans are also worned about the problem, that the agreement with the IAEA will face of Congress. Waiting for legislative approval are about 31 accords signed with Argentona.

L'ranium Enriched by Laver on Lab Scale

63W PROTES Brancia CORRESO BRAZIOJE NAS in Principanio N Chi VI y 11

Amicle by Larnow Silva

[Text] Brazel has our taken an important step in the mastern of nuclear technology with its discovers of the process for exercising arangem by laser. That technology has been sought by scientific powers such as France and Japan for at least two decades. The process was developed by the limitate of Advanced Studies at the Aerospace Technology Center of TAs in San Jone don Carepos, San Paulo. With its mastern of the technology Brazel can become an exponer of executed arangement to institute such as fuel of their own for maderar power power.

Unitine the 'official' tractear program connerted on the Congression Agreement for Pracellal Uses of Nuclear Energy which branch has had with Community survey (FT) the gunstlef tractear programs have been producing surgeously results or recent verse. Merely to reach the amount exclusive exclusives scape of the tractear fixed cycle the parallel programs in quantities achieved two integersals excurrency. The first way when the Native macromoded in mannering the amountagement suffers who when the Native macromodel is excurred to Academic dear Somewalls of San Paulio. The section was the Camponan State University of Internation or congression with Camponan State University of Internation of San Internation of San Internation.

The Microsco of Accommunics had been concaviling analogue communication by the gave process for about 11 region. The stage who shrought up the process of the Branding recount was the late Prof. Serges Ports. who begains I to ampril 1 center for Laure Newton. He acquired the miscognitive shift process shrough scientific rechanges with allocations at the Samuer Litters. For any line scientific

secrets locked in a safe in his diamersom at I maging, and only he and the rector of the answerses knew the combination. After he died, his followers tions over the continues with the Ministers of Aeromagnetics.

This Brazilian discovery is bound to receive a use of attention in wiestofic circles and the specialized press. mainty because it has been confirmed by the minister of aeronautics. General Socranes Monneyo. The region is that uranium enrichment by the taser process is the definitive solution for ensuring an abundant low-cost supply of that strategic maternal for the suclear industry If the Brazilian researchers can make the process work on an industrial scale-what they have done so far is enrich aranium in the laborators-Brazil may flood the international market with enriched unations unce the laser process is theoretically much cheaper than centralagation. which is the cheapest of the three processes currently in use on an industrial scale. It was developed by the Navy and adopted by the European consortium Lirenco, which is one of the market's chief superiors and from which Brazil also buys enriched granium for one in the Angra nuclear power plant.

With this success by the Ministry of Aerostautics. Brazil now possesses three of the four known technologies for emriching uranium. Besides the laser process and centrifugation. Nuclear Industries of Brazil (INB) the former Nuclebrasi is building a commercial demonstration plant for enriching usatioum by the jet mozale process which it received from the Germans as part of the tracker agreement.

Technological success under it remains for the Ministry of Aeronautics to explain what its purpose was in givel oping a new uranium enrichment process. The INB's reason is clear enough it waits to supply our nuclear power plants, unter it is fits organization responsible for providing the fuel. For its part, the Navy is carrying out—also with German congentation—a project for the domestic constituction of a nuclear powered submarrite is the medium term and claims that it needs to develop a retiable technology for energhing aranium to 20 percent its order to operate the compact nuclear reactions used it submarrites and thigh.

Since the Ministery of Arminautics cannot claim that it is thinking of building nuclear-powered arctraff, there is room for upoculation concerning the possible misstary purpose of its research. Its project, developed in Sac Jose dos Campos, is the one with the greatest misstary potential because it makes it possible to produce target quantities of highes-exercised urantours and that would demissible to process of the obsession to be overcome to anyone thirthing of producing grottes, weapons.

Process Albert Nature of Logorom

Although unanoum in its nanaral state can be used as a fuel in some types of nuclear reactions, the most widers used technology in the world today requires that it be remiched." In other world, of unanoum's two main manages (access of the same-chemical element but with a

difference on mass. The percentage of grantouts-211 which is nature accounts for only 0.73 percent of the brial mass, must be increased to approximately 1 percent in the case of fuel produced for use in conventional nuclear power plants (the Angra plant, for example, as about 20 percent for use in compact reactions use those used in submarines and stops, and to over 10 percent for the production of nuclear weapoin—what is popularly called the promise bound.

Theoretically that separation cannot be achieved by themical processes, unter despite the difference or main, the chemical behavior of finite uranium-235 and of nonfinite uranium-238, which accounts for the other 95.3 percent of the total main, is identical. The separation methods used are therefore physical in all known processes, the uranium is otitially converted to a gas called uranium hexafluoride, the manufacturing process for which has also been maintened by Brazil on the basis of research conducted by the Institute for Nuclear and Energy Research (IPEN) in Nav Paulic.

Sonce it is volatile, the gas is cerenfuged when centrifugation is the executment process being used pumped through fine membranes in the gaseous diffusion process used in the United States. France and the Soviet Union appealed through curved mostles in the pri mostle process. or hombanded with a laser beam in the laser process. The ago motivation of U-238, being sightly beginner tend to concentrate on the perighers as the result of the centralagai force applied in the three first named processes and are then collected and remuested in subsequent stages. the process being repeated thousands of times until the desired trief of enciclement is achieved. The laser proten it scientifically possible because the beam is callbrighted so that its resonance is identifical to the frequency of one of the anatours moteraires making up the gas some they differ from each other

Prepilot Laser Enrichment Project Funds Sought

o,"W Prin "49 Brighting CORRERT BRAZILIENSE on Printingword I Nov 91 p. III

Test, The Acromautics Minister is negotiating with the Presidence of the Republic for the release of \$15.7 million to install a prepilot pignt for the enechment of aromam using a lawer heam a technology recently developed by the Institute of Advanced Studies, of the Acromatical Technology Center of Sao Jose don Campos, Sai-Pauto. The piant which is essential to test and improve the execution of technology will have the capacity at regionary 4 kg of metallic prantism per bour

According to the peoposal of the Aeronautics Ministry the preprint paint should be in operation at the beginning of 1947 and will use the Trequery another \$1 million a year for operating expenses. After this will come the poore paint which will piaces the technology from the millioning standpoore, and which is planted to go into operation at the beginning of 1995.

The process of uranium enrichment by the selective ionization of the anomic vapor by laser irradiation is considered the most sunsible method for the nest century because it requires less electrical energy and would make it possible to produce a larger quantity of enriched uranium. Only three other countries are studying this process for uranium enrichment. Japan France and the Linited States. Apparently only Brazil has reached the point of being able to announce the discovery.

Initiated in 1974, the research is going through a difficult phase for tack of funding. This year only \$15 million was allocated to the Institute of Advanced Studies to pursue the research, but in 1990, the allocation was a puris \$500,000, only enough to take care of bureaucratic matters. Over the last 11 years, the so-called parallel program for nuclear power has received \$411 million, most of which was applied to research on the fuel cycle and enrichment by the ultracentrifuge method.

Brazil's Principal Nuclear Grain

- Masters of the nuclear fuel cycle, on a pilot scale moving to the phase of industrial demonstration.
- Mastery of the technology for construction of PWR (pressurated water) reaction, including construction and operation of a Brazilian research reactor at the IPEN (Institute for Nuclear and Energy Research).
- 1. Mastery of the technology to obtain special materials for the development of superconductors, permanent magnets, special types of plans, neutron detectors, highrield chemical filters, and semiconductors for refined electronics.
- 4 Development of the first high-gowered linear electron accelerator, the only one or South America, with industrial applications, and one that would permit the practical training of nuclear physicist and engineers at the doctoral level. The first stage will be instituted by the end of this year.
- Development of special metal allows with applications in electronics, precision mechanics, and the chemical industry.
- b Development of rare-earth ceramics that are highis resistant to temperature changes and with specific physical characteristics for metallurgical, electronic, and electrical applications.
- Development of vacuum pumps for gases and isquids magnetic bearings with zero fraction, magnetic flow pumps for metals, and high-nech components.
- 5. I ransum enrichment by the laser method, at the raboratory level

Angra II Nuclear Plant Privatization Sought

PY00121142N1 San Passer FOLHA DE SIGO PALED IN PROTEINE 4 Dec 91 Section 1 p.*

Report by Francisco Santon of the Rio de Janeiro hureau

[Test] The government wants to privatize the Angra II nuclear plant in Angra don Rein, 155 km from Rio de Janeiros so that in construction can be concluded. Jose-Luiz Santana de Carvalho, president of the National Nuclear Energy Commission (CNEN), stated that \$800 million of the \$1.5 billion required to complete the project is being wought from the provate section.

The possibility of making the provide sector the majority shareholder in the plant is not excluded within the negotiations that the government wants to conclude "within there or loar months."

Carvailto said that a group of Brazilian bankers and construction people have shown. considerable interest in participating in the project.

Carvailto said t'ut there is interest in including foreignpartiters, on an equal basis with national enterprises, it is the termination of the plant.

Carvallio said that Angra II is already Bit percent compained and \$3.5 billion have been invested in the plant. The government plan foresees that the new owner of the plant would contract Furnas Electric Power Plants In: which currently operates Angra I, to operate the nuclear plant. Furnas could even be a monor shareholder in the plant.

The project foresees the construction of Angra I. II. and III. Currently only Angra I has been concluded and it is operating at half of its nominal tills are capacity. The plant is currently closed for a change of fuel.

Regarding the sale of Angra III's equipment to lean Carvallin save that the sales "to interesting from a commercial viewpoint, but not from a political one. He was that the supplies of the negitivations would first require from to become more integrated with the international nuclear community. Considering that the commercial explositation of the plants are not the CNEN's concern. Carvallish said that he prefers not to negitival, with fruit.

Nuclear Submarine Project Beset by Delays

PRINTED Son Park PRESENTED SERVER LIST OF PARTIES OF PA

Report by Brasina Bureau Chief Colhert Thomass.

Text: An official document that has fallen irros E1 (.114) DE SATI PALLITY hands reads that from the August 1991 the ductor submarine project being at 1 oped to the Nava already has absorbed # 1 to the

cruzeuros (\$440.6 millions But, according to Navy Minnier Admiral Mario Cesar Flores, at least 1 16" trillion cruzeuros are still needed to make the submarior operational

The deadline has been changed so many times that the Navy Ministry does not know when the project will be compared. The minister says that from an "optimization vice-point, the submarine will be submerged in Brazilian waters in the year 2005, it other words, within 14 years FILHA DE SAO PAULO questioned the techniques distincted in the project and they said that if the current elicitments pure continues, the year 2010 would be corrected.

According to official data, VI i billion crossroos were spent in 1996. And according to the Navy Missiony, 113.3 billion will be spent this year. The expenditure for the nuclear submarine does not figure as such in the federal budget went to Congress, it is found under the heading of "refurbishment."

The idea of building a nuclear submarine emerged in 1918, when the military, discontented with the Brazilian-German Agreement, decided to include it in the parallel nuclear program. The initial forecast was that the first submarine would be operational in 1995. Afterward, the deadline was set for the vegr 2000 but according to Minister Pitres, the vegr "could be" 2005. Technologies consulted by POLHA DE SAUPALLEI are beening on the vegr 2011.

The project is being developed in two states. Sao Paulo and Rio de Janeson. The center involved in the executing of urganism in in Argman. Specio District (125 km west of Sao Paulo).

According to Flores "openmone" forecast, the pronotope will be ready for dry dock in the year 2000 to otherwords, the submarine's reactor will be functioning to an experimental form in dry dock. Within a five-year period the submarine will be built and appropriately loaded with torpudges.

A conventional model, which is much chapper than the nuclear model, today come \$200 million. In an enterview with FOLHA DE SAO PALLO. Flores (amounted the project's driags. "It is Brazel's industrial sector that comes out the lower with this driags."

According to Flores, the submarine is the Navy's gual and this justifies its inclusion in the nuclear program focusine the nuclear energy will become part of the Brazilian economy thus representing "technological progress." For Flores, the project has nothing to do with the atomic bomb. "There is a list of generation in this respect," he said. He stated that the submarine will run with nuclear energy, something that will be fully accepted to the International Atomic Energy Agency (IAEA).

But Itamaraty suspects that part of the United States resistance in transferring more advanced technology is

due to the North Americans apprehension regarding brazil's nuclear ambitions. This apprehension ind Flores to send a source letter to Foreign Minister Francisco-Rosek telling from that the whole project cast be outpected by the IAFA.

SAE Preparing Nuclear Policy Bill

PYOTIZINENT Sair Pauli FOLDS DE SAID PELLII A Persupurir I Dei 91 Section I p. T.

Report to Some Mount and Solve Compl-

(Text) Over the next few days the Stranger Affairs Secretarial (SAE) will send to Congress a hill outlining the Collor government's nuclear policy. Presend to the mintary, the SAE dropped a hill creating a committee to review operating conditions in the nuclear area, with powers semilar to those sented in the National Emerge.

Under pressure by the U.S. Government the SAJ giving with the Foreign Ministery and the Science and Technology Secretarial, also is preparing a full reserving exports, sechnological transfers, and rendering of services of sensitive thaneous alternal

CHILE

Minister Rojas Conferes Origin of Arms Shinnest

Shipped From Chile

P3 11 17 (MEN) Springs Radio I Surrig Schools in Springs (MEN) LWT 17 Dec VI.

|Test| Defense Minnaer Parson Rose has unelimed that the weapons bound for Vagoslavia which were sound in Hungari were stopped from Chief

Rose and that the subject is being transled in a perregions/fite manker in order to describe who is require while for this case.

Begin recording [Rojan That is al. The weapons were slipped from Choic and it is understood that the slop-ment products is the one found in Hungary

I tedescrived upraiser (Question massive)

Rouges [Worth indistribut] the consuminations under which this took place who is described whether per resigns, unders, or exceed inferior minimum or resits are being attressinguised lend recentling.

Minister Rouge religied to common on whether the seggests were dispend with the sourceast quick-majority. When pained about this, he provided that he between the defense minister has all the necessary ordinary.

The weapons objugated from Chile and unued in thangawere bound for Zagreth capital of Crossing according scart, in which conformed that the passe that transported them belonged to a $L^{+}S$ company

The Booring arcraft that landed in Budapen on I. December belongs to an arrive hund in Florida, Utsued States.

Sources close to the Vagonian authorizes and than the teconian conditions to close a legal deal had been achieved but an assistential profiters forced the cargo according to land in Budapest.

It was then equilibrated that the documents mentioning. Nigeria as the final descention were forged. The documents had to be forged because Hangars had posted the arms embargo against V agricultura. (But making it impossible to slop 11 tons of weapons and explosives of ravious origins to Zagoth.)

More Details on Arms Shipment

PT (1) Science Special Francisco Springs & Chin. Science in Special 2000 GMT (1) Dec 41.

[Excepts] It has been confirmed that the arms objectives confinenced in Hungary left Clote with documents reused by the Military Hungetal [as brand]. The defense mission and that exceptionals are being carried out to find these responsible for the objection, whether covidance missions.

Mate reporters gathered the moretal of front of the Arms I indicator. Furnae, building after learning through accords reports that the arms disponent confinenced in Busques had left from this place. It was attrouved recently that father today would exhibit in process and that the Arms communiter would amend the exhibition. However, the Arms press affect index paid the media that General President will not amend the exhibition and that the according to the action and that processing pressure allowed to patential.

However, the remain that the form is responsible for this international deal is recreasingly becoming stronger. This action may even pass a substance by the UN Security Council which indirent an embargic on the sain of security to Fugeriums, passage smitted.

If has been enableshed that a torough company bought the arms from Fannar to send them organish to be Lanks and that the 11-cert physicist committing of LAN-Light Assumers Weggers tockets and francisco was tracked as It Newcommer on a flaurer physic from the L.S. senses Floreits West, thousand the populate changed rooms project from the committee of the populate changed rooms project project committee of the populate changed rooms project project committee of the pro

Crosma is had to laid as the arpent or histogens. Hutgars where the shipment was confinenced.

According to reports from Budapess, the arms beneau and documents been the seals of the Sattings Military Minpital apparently with the purpose of camouflaging the arms to make them lock like a humanisation and obsperies. Does this mean that the Army knew the sequent final demonstrate? This is one of the points that must be facilitied in the oversugation carried out to the Defense Minutes. Another questions in How can such as arms shipment leave Chief from in mast arguer?

Begin recording |Caption identifies Air Fotor Chief of Scall General Ramon Vega Hidago) Well, without doubt considering that the cargo was not thus declared it in documents, if means they were forged discurrents.

(Litedamined reporter) General, during the for Force control the shipments in this case.

Vegal No. the Air Force is not supposed to make this kind of commit. This is a Customs problem lead moveding.

Several reports are consisting in Budgers has no official community to has been issued not in this expect. However, it is thought that the revenigation already has concluded and that the results soon will be given to the Chican Embass in Budgers.

Magneticia, Army Depute Communical Linuxensor conent People Lucar confirmed that an exempt exemption is being carried out in this funct to directmine the origin of the engineer confinement in Manager's

Begin morning [Contention] reporter it is used that the weapoint conflictant in Hungary come from Forms : In rea know attribute about the?

Lacar No. I option give one a commerce operator to comgarance. I do have units reports, but its misman inmation. This is, of course being or-conguend. The first thing that must be distor over all the othermation is inflicted in to referre the forms communitie. This will probably happen someones afternoon is the distortion tomorrow. A company or-conguested than to proved our

Reporter Flan a rigal process been opered.

Larger No. can plied. This is not an investigation in a corresponds and an equal to the different consister produces recording.

EGYPT

Officials Call for Arab Nuclear Progress, Secrety

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Anulir And Nucleur Capability, the Lies of Blockade and Costs

[Lex] President Hunts Muharak has announced the incomings of the peaceful tracteur program in Egypt. As an minedian consequence of this, a clamor arms warning against the danger of this move. These statements are constar to Western superments, which are a min of arracigration and warning against Arabs presenting the runteer weapon, because of the outbreak of war against irus, the attempt to search and destroy its nucleur apathities, and impose a Western blockade through the (IN against ling and other developing countries the exception of furnet," so that note of these nations. will have, or try to have, this weapon. The new term is that the West does not want at Arab nuclear capability test just in the military, strategic, and political sense, but also in the peaceful developmental and economic sense Through correct over streetsmone lending and financial gentiers. Remove compinions have been dipped it to fireart and regulate any Arab nucleur project, as well as to Store & maler it.

Layers, rechturates, and military operation confirm that the Western blockade could be breached, and they delicense the conditions for that. We also have the technical and technological components and raw meaning required to manufacture the Arab capability. We do not set in the frigments, so much as we lack the political will and the clarets of stranger region.

Learness compliances that Arab political states is not applied on a compliance of compliancing as Arab matter weapons as a compage described in the conflict with the Zamou court. This does not does the need, or nother the day to recover process processing traction power glastic whose took would be for development and to observe in the acostic endocrine processure to development in the Spiter.

is toggard to this lower, when do expects in that field say

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experies and knowledge that Arab emilient has achieved at matter technicoly, and to complete the observations and materials. All of this will contribute to producing the head materials weapon. Unfortunately as we know that is under material supervision. Instead of Arab stimus contributing to its destruction. Arab agencies must obtain that a respect for and industries. We must now think about constructing new materials facilities, as a plenting of political decision and will which must store to build nuclear power plants and reactors.

May Gers. Musualtum publind. "The capter than undertaken this commission must be keph It in possible to ask favorage experts for associance, but caution is necessary, because the contractional enveronment is not propotions."

With regard to importing the components of a nuclear weapon. May. Gen. Manadam fresh (hat it is preferable to deal with individuals rather than square, despite the nations advantages, because petitical concumisations contribute to their deconstants positions. Morrower the runleys material required for the weapon is one of the products of the traction required for energy and consequently it would be pounded to obtain it candy from imposingum is in pracely from. The sucting manerual tax he found on the international market. But the confer where note that offend it is restricted, which makes it a secretive complex process that cannot affected affects tent, because if could be a incognore of the intermational emburge imposed in that maximal Accordingly this should not be left to one many true rather, should be dealt with an a regional responsibility to produce manufacture and protect this goal to that our nuclear projectdoes not become a carget for a ferreign artisch."

Just Bramsbill

increming head rechnings at resources that might be expositiv Dr. Hauge Nad all, professor of positions witrace in the Callege of Economics and Pointing Science at Carry Conversors, mannel. "Resources are available hadthe currences is, should the founder of transplanturing as Kraft nuclear bond by pay in intr illustry." I think that the responsibilities should be a joint one points ally said organge also among the Arph nations. Nevertheless, this would be no easy matter impressed as the Arab coants affer among themselves on low to resolve the Palesamount must be a prescribel until meets, or be a stronge of configuration, or by the discovery strange. The question raced a lies in crossillar as Arab regional agreement on manufacturing the nuclear bound. This would regions also de Afficial in achieve it the mode of at-Argh Limers Surged with Emputers and tribused Ufter what happened in Iraq. the Arab states will those rescr. burbony stageto-figs marring wood provides vog treaturer exceptionen. It would be employing to believe that we and resources or to book of respective. The weappear is not an Adversigat Showether grown in the contract the section at experience in graduater and is not a tomospecty of the Bern D in well-among that thinks have a high true of experience in the way brought management formed agreement from

the positional anguest, one created find an outlier to computwas for any deficiency in inclinical expenses. On the other hand, it is said that international monitoring is increasing. America is pursuing harder measures and is putting pressure on all parties, so that to tracked cooperation takes place, reprecially with regard to the Arabs. I think that this supervision is diegal chanting in it. prevents the Arabs from producing and manufacturing nultrar ecapons. The long nuclear program was directoped with the assumance of French technical experience This cooperation command until local described the Iraq reactor in 1981. Nevertheless, Iraq continued and was naccessful in developing in nuclear program. Even if the Gulf war had not occurred, the West most taxts would have disarmed and blockaded load. I don't floor that there is any party in the world that has the power and structure to commit this capability and this nuclear seagest. Cape exist and are found in this increasing ender, whose features have not set promalicant. Jespoor American influence

Charte of Vision

Staff Brogador Centeral Marrad at-Danisay agrees with the previous opinion. "In order for as to build a nuclear weapon, a financing and technological base must be available using with the technical maneroal required to build thin weapon and to manufacture the financiable material to cause the technical engineers for addition. there must be accentific caders in the teaching field to our flow teacher scatters. This required manerial can be found in the Arab mass, purecularly the Egyptian, Iraqual

These resources our productive to the Araba count for obtained in many ways. As for the many impositioners received agrees that it has in making the discusser and then being able to safeguard this decision from county officences. It has to be kept where so that the product is not absorbed in its agent, "

Bry, Lien. Murad at-Chimago added that, if the Arph. tations were after to action or their nucleur industry on a specific level that would make it difficult to attack particularly after productions. "no power would be also to attack our project. At this point, I would underscore ferenging together at Arah positival will commemurate with Cartry of insuon in the long term. This is required in the near failure. Even names that has succeeded in manufacturing and producing assimic recogn powered clares of vision, no matter what sacrifices it you, ficientimi can be obtained, even from countries like Paniscan. and India. Despite the international illimates a beer toward broad and its innerests and despite the malefiles of spreadiates methods, we said proof free nor to computating our work with secrets. As an example, as Crafts we could implement a cong-range plan (har issued develop personally at the funger

Regarding the matter of the Anaths pronouncing a number of the Anaths pronouncing a number of the Juneau orange of Talking above Anath regional

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The Nation Woman, Proportion

Despite the entition's disportance of the function waspins to the knots, posteroal decisions on the knots region have avoided it, respectable after the Coalf way. The groupes damage of that is the coastions that has normalised to be transfer programs for prescribe programs.

Concerning the voices of techniculars and operations in the possibility of intensity function entropy on the Arge tech, to be send for peaceful and required pergenses. [In Planton Abid as Mathes former lend of the faction Assets Entropy i operation in [I.A.E.], accesses that from the experiment and consistent aspects, tourises have one which are traction program makes with an operation of the entropy program which are traction produce energy. This had a represented to unproun which the I.A.E. was and out to making effects to discover and exercise.

Since the complicationers of a section for groups and groms the manerals in the EAST, and independent genulation and organizations in the energy field were resplicted in 1977 so taxes been wanting in Egypt's deserts it the hope of finding animic can materials. Betare surround large area, or rather, we have covered \$1. percent of the total surface of Egopt, to mean of acrosradiation agreess. This percentage was shown by poor if companied the best possibilities, eigencally at the restrendesert areas, according to general studies that have been conducted. Through hard work over 10 years, or sacreded it attaining inclining skills radius and logirepertor specializing in the first of featinghts reported By have ignormation of regionsprises, receptance and proyear. We succeeded it impressing everything impaired in manch a program of anomic energy exploration and interquently we are have generations who bave estanted a high screening proof and wher are common to this littlefar

As a consequence we have continued that organism counts of any granter formations in the quarter formations again organism of consultration represents the formation of the continues of consultration of the counts of design or assertion precents the possibilities of the co-time of design and of lighter continues of deliberationals, of the count of lighter continues of deliberationals, believe between I lieu and Salara and forgets in the arms of limits and continues of the continues of grantestant of amounts has been preceded to anythings and continues to anythings and continues.

Other Methods

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This exercis is now the basis for development in the secret Perhaps Practice t is untitle progress and indetrue triviation resident from its mission in his true range for "5 percent of in view range weeds. Ind.) reports give reducate that I'v persons of the world depends on assess energy I would fair to cause the trains less than on will be depend comody--- (i). [I]. [I] years of those, no majour how much reports defin-Arthurs on machine comprison will being an around disasters and dependence on the runtide world in the future (in the conseque the most we processorate in coming not fluctor program. By more the cross and difficulture occurrence of achieving that program in the integ ran Perhaps a chought not be beened difficult in gallieres We have the requiring and the human inches a and macroal inscention. We must glas follow the regarder of the insummers of the most of the woods, all of which are bending toward the consequences of tracting power

Columnist Pers

De Mater Magifiel demoter of the founder Administracon in the Neutral Power Plant Agency wanted that the absence of madings power places mayor capitalisates to consequent places than figure forms are infragative at the part of correducing tracking enhancing ones Egypt and the Kran agrice cace (46). This conferms the recession of the aind of recogn in the bands of impercation nations, and makes as common in suggester subsembragation in the Winsit Manir Masshed between that them is a global errdirtury coward intradict cit cooks business proved fresh in the level of advanced and developing nations. Stranger promises has began to understand the branchin of their plants it affiguring allegar restrictly in a more entureway from a secondary melabour it has you make him It Magazine transits engagement of thermal places that are in the own of coast or gas, because they are harrenful to the re-mattered, until these practs product carbon fromitgover and tree profugal efficients the durings to contract opers. All of these promotes the test source of this test pages. We get provid tother a ready of planteres from power tigrando per l'entreflute () true afrance entrete o though separtic religion as the first D dhould be religioused that we have nationaled examples of drawing with advanced to become we have the applicate to princilet the less translated at the future with the profit ore. and faild at maintaining the enjurity used performance in Thorne pageons

Program I sier Impirementen

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Pager Views Comman Status on Nactor

No. 07 (2) 2 CAT Paper APP or Engine 1041 (2001) 1 Sec. 41

Tenty Lettrus, Dim 1:45Ph—As francise dash clear to tarifferem on Thursday described as "empercultir" a Comman excement that fran was sorking to build malked response.

The Persons ranguage severguages stall that sould the Communic Conventional positions was perfections and exactly officially to cover their relations with lines and commit the continudations on their deplements research from

Thermore can only have normal relations with free if a partiage concern difference in \$20.63 marging

Comman constigency chief Lengal Promote and its commants published Windowskie that bean would be after to build a nucleus bomb to the year 2000 of a keeps on to provide matters, activities.

the said the date OH WELT than white from was to resolve Tellinan was framing marked sequents. I was softwareth aquation to begin manufacturing amount of planetours model for said weapons.

Details on Bond Production Activities

After the Rose Ben-Today

Text lit February 148" 43 Rigmon, then president of lean assembled transfers of least a frame. Energy 4 onmoment at the Center for Nuclear Research or Tribean "We need atomic energy new " he said bundlings of scientists and engineers. "We need utilinging offices from all of you, brothers."

As the center time, the advantage of the legis-leng way was swenging to leng, "As-blancers" ground-to-ogressed mission with attention to be a seeing drawful and destruction of lettern, while Subfam Blancers was caughteening thin-saids of Revealstationary Councils with process gas. Though desperate and distringed the mater of the examination around Khomeron at that time Provides Blancers transfer total to be careful and restricted but the opening gree progression more originational and the constitution of the distribution of the state of the control that would be reserved to the chadren of an extinct themse. The way we can do to more the danger is to track our reserve that we can proceed our when Discontinue overs step you have been being defend our humstand and the revealstation. You make work hard good that the dankers.

These comments, quoted by the frustant media from a sensor frustant figure, were the first official expression menting that but it working on the bomb. Ande from some reporters and entelligence officials, however were few have paid them attentions. The financiational bosonic freety functions (SASA) also has appoint them.

A one after flucture to speech, when framuse sciences, with Pakintan annualization were already engaged in increase efforts to corect arangem. Fluct flux charmes of the UASA, control from 42 the end of the cap to attraction to belief that from tracinar program was frequent for program to be formatted to be the control to be the control of the first tracinar program was frequent for program to be the control of the control

That was not surprising \$60.5 associates had content to the cost of the Coast War and, upon their return officially amounted that they had bound mining anomaling a program for building atomic weapons. Like that, been has signed the markets congenialization years and the local too complete the complete the complete too the constitution of the co

todays. What is patiented and the branch traction weapons program is the manifestation to its front court the two programs were intended in the molecularities at the prompting of magazine actual distances both were community and actually was name of principles were command for school argumentum of traction to the manufacture of the community from all available courters in the manufacture tractions market.

The difference of at the case of groupers. Where the Cold Way between cost, legg was one to different exceeds away from the bound. I have been between accommon and too one of constituting with the the distribution, even disright it has reserved to efforts to acquire such as engineer much large than legg did.

According to remove experts, the learness equipment program today is at the influence course building case that the leasy program marked about eight coursing imposition figures in least staffments more than least almost has it in presentation crossed high grade correlated areasons for our promotives grained build. These

imports have too been confined and, so far as in above times on this time lacks the diffractive have and technological points.

When continues in efform at the current paint it could office an atomic bouth by the end of the decade. If the Chiterie, the Paleonattic and the longerooms continue to assess them, been will have a bound of the type designed on thresholts and Naganak, perhaps even a more afraction model within aven or ogst your, sees Dattel Leibert, a writter researcher and souther unabout it due for a cities of course or the date of cities are the date of cities for Stranger Studies or Tel bound Lincolnies.

Other experts there this opinion. Leafurn who has been following another developments in hims for some himse is consisted that the offices has a new making to engineer to emission with the force are located at to usual dispress to the first to pres made with maximum engineers.

The Australia are discontinued to proved the ensurance made to Saddam Hamons, as in other conditioners, or the own tradition weapons program. They do not wast 164% tragenties uniforg around it dear masters and will experim even discontinues and will experim away discontinues and hamonists of hamonists in Australia billation and Australia and Maria regions. For the regions Rathertown is best and other around the previous fluid and is court working band to win return of the account bandages bond it Lathanon.

The accreen prompted of logs to hatther thurstern Rathertyans in anticontrolly five home technol from a nucleus weapons program. Or Ruce Assertings for the difference of the frequency bearing to move of the frequency and directly subscribinger to tech. But the frequency for a five a frequency analysis and asserts bound was taid to five the time of the first section of the first sectio

Before Education that proper for than did over than a sittle of the proper to \$100 for support a continue with a substitute of the Comman Sections of conjunction between the substitute of the matter to being two protein power to a terminal supporting to the supporting to the support of continue of the proper on the substitute of the support of support of the suppo

After a personal registrate of the agreement construction work at the few register with war at full owing. Work presented without constitution for their war until the high-long way tagger in 1879. Since Lawrence to register in the principal of 1879. Since Lawrence to register the principal of the principal or constitution of the principal of the constitution work at one of the register was the four time constitution work at one of the register was the four time constitution would be often in the constitution of the const

Ethnodiators after against the contract with the funment. Into ordered at additional fraction from Figure 6 or producing UT requirements or contract. The Figure company. Franciscom, was to hashed this oractor sourthe city of Adward or women's brain, son for from the broader with long.

At the same time, officials of the Shah tighed a contract with a French company called "Younde" to supple mome had for the machine ander construction. There are brough 20 percent of the shares of the firm, which was to supple true constitut time grade organism.

The artherous program required thousands of a terture, engineers, and rectionsum. Because the Wastwatered them to be fractions, he with hundreds of his resolutionment for advanced made as the forest anti-constituand protess research statistics in British and the livest fraces.

It will, the Shah warmed to error 20 teacters resolven to from an a cost of \$30 billion.

But even that did not untill the Shah. The transport King of Kings," said the Sahilam Philames, decarmed of seasoning a position of leadership of the region and watered to convert from time one organization power. In addition, but found the many entitions and sometific power of long from the west and of Paintenan to the case. These two contitions were then earling down the tracking road the Shah did not want to be self-school.

Screenbrigh, along with the antiferrors, territor singularitations incurrently of the two gaster reactions droughted for generalizing electricity the Shath directed a small group of interest is sentiment to began constitute took of an endingery drotter estimates for directinging trackers enoughness is solvenium at part of the activity was considering at a small reaction remains built by an interest are compared to Televan The known are made suggested concluded bugs grade constituted for an in-the energiance.

When the four fell and Khomer-to second power the foremation magnet their deliverses of arasisses. Some factors, some Litegrams of that conclude high graderations command in from the some constants, this quantities is coming? For one promise bound.

The propert was secure and costs a few traces of exresonance. When the that fell, however, and following to any power it was disclosed to the regard constant regime. A secure of the find to the west. Some of these over tracecounty to regard at a same time that over damage the Shall a regard discussing on these close contracts with the trace tracing a securious in the following execution with the regardering a 25-4 tensor property found of bisasperson in the time dropping on Microditions but of a more advanced more

is 1979 to the Shall a processor begans to countries and the possessibility programed to take the tragges of power. Although the who whe was then said a reside to Francis had as come to good a maintiment of the Shall as granulations devot processor programs. The assess to the Shall as the best second for the said assessment, and made their first assessment to be received to first the assessment to first the assessment to first the assessment to first the assessment to the first the f

development. Some of his owner certile who there of the Shall's booth program, bowerser thought efficiency.

In Man 1979 at the peak of the carresco following the Shaft's fail, the Acquisian Admind Bellauder called on the francast backers accretical Dr. Fradon Fasharaugh, who was it charge of a small group that had been working to be the foundation for the boots. Dr. Fasharaugh had been directly subscripture to the boots of source of the What's government and had prepared for both a glass for developing fraction weighted. A copy of this proposal had correctly come core Bellauder's proposals.

When the two each Dr. Fasharago, query coulded betasiles und from "Visur and o to basile an access to self for the histories Regulational Party Char conducation is in disligate and if we are to promise it. we stepped base the found.

"But," used the screenes. "that will be a very impression property."

No profitors," Behavior replied, "The cost is bracable and it is our date to began the program without deter-

No fract was been of the meeting being months after followers assumed power the boundard Behaults was mundered under unclear consumurances. With the full of the Shall, Dr. Funkarago find from least to the were along with bumphops of other lepsons unemotes and equipment who decided has to return to their country.

The legitigat booth project, bile the error of the elements of the Whath's accesse group area, was castisfied by coding of Khomersto. France and Community did not plant excessed pressure on legit to contribute the grounds. The United States promised both prescriptories too as assignment with the Configurational Missistem who had unused grower of true and taken the American digitations becomes

So organ passed before the autoritation again began to place incorrect in a function program. The Core sign of that incurred on a function program 1941 to the communicational edition of the invariant consequence (484.5) published that the invariant consequence (484.5) published that the appeared an animomorphism calling in francisin tracking in invariant pattern to track in pattern and invariant pattern and invaria

It is presented that the triages also lead the society and it than the that story bad solver entremeated that accord there is the concentral. That water ever their began arrest plantage are the Tomman imprising in the terminal plantage and beautiful the users five or on tomory. By 100 then accommend at most or discussing town traces the partition described a larger pointing of the equation which is a severed that been traces for the quantities.

to the same plant a Comman copier on the core expended Comman commanded backing man the consum contents of the draft board that "Enthropies I count that our contents of the draft board manufacture on earth on the con-The

Comman compensation had entered a partnership with an Augmentive Convertables from for access development operating while the nature "Autwall" and he that means contributed to thattermount work and dispersion of national see the said

That was the first sign of an assemic committees between from and Argentinia. Argentine newspapers and scientific monthlines in the Unional Season user reported than at about the same time. Argentina assemble the burden of researching operations at the proofes research reactor of Televan, which it had adapted to our on a fact of towgrade encoded arangement.

The crossest compension of an atomic bound is the feature material. The explosive devices of the bound is missionly one to develop and produce I have fifthe apparatus in the feature five mine advanced of on cape in will get the job desay. The feature material bowever is difficult to material turn of the quantities tenures particularly where the months are "permittent" which can be produced onto with a materials are permittent of physicistics. The or alternative to high grade corrected acquired.

Platement is created to tracker registers been surrous arathum benchmarked with continues. Executed production is produced, by continue, by continue, difference merchanics. The known inchanges are mechanical unpergraph of gardenings as disconnecting process that ones a given called a california, and a merchanic bound on our of querieques.

Charrier the course, executionare began well orgition aromaps on Theorem ion the great importance of reports politically in known an averagin paymage that known has determed 27 biograms of one grade mireched promises for the bracular research marker or Toltran. Production of a boost request about 21 biograms grams of encoded promises with a points of the process.

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to Estimate a consequence, Esteromeron intend to appearance in the discount part of the territorial account of the territorial account of the appearance of the territorial account to the territorial account the territorial account to the

that treat reside not incomed on to own, it is laid to other to otherwise shift an incoming one over-charge hard forms described at a convergence with the fail of the total. There was no proof of harmony to the West which quadred to the restend fautors convend that as a purely come The Several time allowers automated to the large transfer and the property of the convergence with the property of the convergence with the property of the convergence with the property of the convergence of the Third West, Third of them, I have been and bigoritaria, were welling to will their transfer become form and of a dissipation, a seem welling to will their transfer to the convergence.

The British price reports that it we against a or agreement on 1987 with Philosopes and dispersion companions for most approximation and approximate a week. There-were brightness a weather at the animal and animal in Passages and degree there is a resolution from Passages and degree to the expension of account of account the order outside the last term for the contract of account the senting to estimate and their terms there are built an emportant account of the passages and the contract of the contract o

takes in 1887. Cheese began analogy from in the common of a constant for market inscarces were believed. After develoption of its performance measurances to large, the process that had remarks over terrings convers to larges. The process half These treatment advanced onto totally or the forgo-

that I has our weaponts program or arrived to great built to require with the and of the true true, was in the supermost 1988 I construe that provinces that have providing another true will be used to answered an program and substantial character of true and true

to the and there is not in the dealers of the following th

half the reactions of Booker and demanded that a finish the project or pay an administracial such of monetary compressions.

Meanwhite from throught a sential claim against the french from that had superd contracts with the Wash. The French Convertences, againsting under the formal forward for discovery of the resculed aratically indicate assumed to fire the claim and aratically indicate assumed. The French know one will the parties to which that tractional was there one will the parties of a which that tractional was there to be put and ordered by foreign cartially consolided them that is in the owner of 21 percent of the companies of theses.

The impactors with the sermans and the French secretive ended it a financial configuration. Nith the improach are extremized less in marker than it platformum and resoched armitist. Use the image, they are propared to advance on a trivial includings of front to they can evertically lind what they want.

The column of the favour expette also presented a guiden opportunity for Euroscipin s leave to obtain what it works from a source that betterns has been about to them true was not slow to make the favour potential of the floorest catched of converginced Severi tracker according to the floorest floorest of converginced Severi tracker according a protocol for good comments, action with the Severi Union by which it was protocold free beingt appropriate matters and

Access configures experts are warrant. The favoral markets result which trust will represe from Easing the influentations equipment and everywhere tended for in tacker weapons program.

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complied by the LAEA, and when output increases to down the quantities of phononcum produced.

lique thereshore tarmed by a number of transfers states of the libert world with sequents to the several statement. Secondary at information secretile brought to tight in the west China, India, and presides togethera have been willing to comple

Last ever I have became for principal accessory to liter's traditor weapons program. In a sertions are now assisting in program of the excessor components of the intrastructure accessor for that purpose For example. Obtain morething areason to self-from a small construct for own it musclising areason. This purposes of more has content purposes, such as to the research tractor (Total agence) to apply been that the image experience tractor that the nomine that the image experience tractor that the nomine tractor that the purpose of the agence is well have still transitive copying a and building mater more promite even surger substitutions.

The longitudes of which the realized research reaction will be highly are not set actions but a or belowed that the Chattere research reaction to supply at least 17 knows to describe the second that the landscape of electronics (will be too and the too knows to below the leading to be landscaped.

Microsoftics: New Internation accumulate receives and expenditing at half against the Otto in secure (the International Additional Additional Security Passinguistics and Noorth European expension are supervising the extraortical and promising personneling of the business consistence and from the contract personneling of the business consistence and from the contract personneling of the business consistence are supervised.

North Avera is give co-strond in true a parallel force to arguery the about to manufacture temp range ground to-ground memory with which is fathern the boston. The branches are now attempting to con-cold the Chinese tem, to self-them the necessary information and requirement to far-charging tangent ground-to-ground memory against of any care to a real-less warfored the necessary against of any care of a real-less warfored the necessary assumed to a supplier of any care of a real-less warfored the necessary.

When Joya down arguers the desafts apparents to produce the bosses and mounts to an a numbered on ground to-ground mounts. Desart will be plus and in the ground transfer from harmonic from after all down our trade the fact that the mount mounts produce to fire another to the another to the another to become to become the booking of the bossess tower that will become began to make a produce the produce to the booking to the bossess tower that the part to be booking apparent.

legs storagh to spend water \$30 follows in the tark the same for solitary sweets book restrictors put these reproductives at \$10 m \$10 follows on \$10 mag.

Survey to Marked continues a patient of the regional tasks appearing the part of process and patients of the regional to their states to the Process of Marked tasks are continued to their states to the patients of the pati

recognitive of attempts to the United Nations to precent the prosideration of statings weapons. There must be equality between the statings capabilities of licent and the Manitess.

Elters is another aspect of the total to listed on this solution. Some has been listed a formed and alle for some time. It is not the market that when him has hadened monito capabilities it will come to an agreement with home to transfer to Dismanual to nuclear uniteella and the long weight "transpa parts" with home.

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Burne on Nucleur. Chemical Building by Seria.

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Tency Chief of Staff Elisal Sarray and that one-Saddam Bassion is removed from power would do away with the florage of long assembling a market humb. He was speaking as the Commercial Clab this afternoon in Tel Asia. Longitumant licenseral Basis, arrested that is a important for licens that the intermediational community decides the former of its efforts to disagree long of its markets weaponed at an events time pair and mitted that the frage basis being attracted at an events time pair and mitted that the frage basis been taking advantage of this fact to concern equipment and acquire additional accordance which it would be impromible to take page from them.

The chord of staff position forces a mostane bacopus toring that Charteness has been directinging discrete of femile. Transien and paretimining manufactors from North Lorent Sortin Sortin Lorent Sortin Sortin Capability of larger than that of fring's staff of two sites marked discreting enterest on the tracking spitters. The Sorting Lorent magazined Miles (V) and taken sorting these sortings that discreting of V C spitals from Constitutionalist. Because and

An earlier region at 480 GMT on the chief of staff in entire adds. "Common barray inter-on that on the ere of the opening of sale in Washington, currentees or the error attacks, declaring the use of ferrorms, to salestage the togethermore. The forms has taken customers directables to some such a processing time.

Chief of Staff Buray on Iraqi Nacious Threat

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These from the process from it and stand from its guarding our Defense received if we agree how to faith to receive which is received in the standard and what is deposition and what is deposition of which is deposited to what is not within and what is deposited to what is not and what is deposited to what is not and what is deposited to what is not and and in the control of the standard to what is not an income of the control of the standard to what is not a standard to the s

to straight as long as entermary for what is expounded and to require on what is describe for an expectable of a is vital for the other side of we know how to do all those things, then although there are rooks at entering these tegethetisons they are contain significant changes.

The second posts. I recalled earlier that lete of the three auto-driving the Americans, and the stormassinal commatter is disarming little of its temcon-retriental capahairs from our supercont the morniquency commution a committee and determination in that effort is an emportant and user for these requests. First because of the very risk. The brago still have or our core several handred foul minutes thousands of chemical warterads for articlery, furtieur bombs, etc. They were closer two search ago than anythings on the West ever assumed in moralling a touclear dever. They were most likely in the advanced stages of fluoriting a nuclear device our minfor the gration of finanniable maximals, and it is not shortenessible that had the Could war not make glace within 14 minths or probage two sears they would have had a tracker bomb.

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Encourage in attention of the training fraging in the focusing the attention of the training programs in Pancial least and Nagona B warm to attent the bosons countries as this attention of the world propagation beautions to dispense to dispense to the chance to pany advertising of the propagation. There is the theory of page 2 in 57-ing in become the undergoind review and trader of the foreign constant.

We are passing through the represent my price to I amply war. We about 1 we saw this approximate there we will serve the same to the approximate there we will serve the affect to attach to attach to both on an productive temperatural temperatural or approximate to the temperatural or approximate to the same control where we are treated to the form our realized program to the pass we had surgarily the same temperatural to the pass we had surgarily the same temperatural to the pass we had surgarily to the same temperatural to the pass we had surgarily to the same temperatural to the pass we had surgarily to the same are not every price and the same are not every patterns, and the same are not every patterns, and the approximate

from I we conserved our program for the con- if he is the I maked from well continue to any any and the interest of the continue of the contin

Weapons given in charmers and inadequate economic and bail server guaranteed a nation independence and wiff-sufficiency. This stogan of wiff-sufficiency that we have promised should have been raised a long time ago. There will be many problems because of this driay. If the correct path is saken, then the nation will make userficien happily. Our nation should consult with its real friends—China, fran Turkey and others—and blass the bomb. We should analyze the situation that would be caused by such a blass and also make defense preparations. During General Beg's time the military paid special amention to defense and military industries. That is admirable. We should continue at full capacity now some ir is emportant for our wiff-sufficiency in the defense area. Journage omitted.

Government, China Sign Technological Accord

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Text Pakings and China agreed in ligarithed codarither. I'm agreement on bilaneral cooperation in the scientific and rechnological fields. I oder the agreement the two sides will conduct asset research and exchange study coops ethics and technological fields. Eigh this biometric the federal minister for accepte and technological fields. Eigh this biometric the federal minister for accepte and technological fields. Scientific and Technology of China's Scient Scientific and Technology Commission agreed the documents on behalf of their respectives assistance.

Advances in Nuclear Field Proclaimed

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Text III initial Moment incomes of the Paulitan Answer Energy Commission PAEC i said that Paulitan western have expecteded to transfer thing the megawate Main research respecte unusually to Neclary thing 16-Main research respecte unusually to Neclary thing 16-Main research the Laurent Sources gave as the Neclary region of the measurer as a gift under the assertion for peace program in 1865. This requires was gus onto use to 1860 and used used of the space of the page of the page of the page of the page of the second that were used for medical agenciations, and they grantly pageones. The Laurent Sources imaged suggesting for the first thin requires in the 1870's to the second pageon in the page of the region of the same than the page of the region of the region of the region of the same than the page of the region of the region of the region of the page of the page

It-percent enriched aranium, and the responsibility for providing this fact will be with Pakintan's trusted friend. China. The change in this design has increased the life of this reactor to 25 years, and the inchapes made here will still be used for peaceful purposes. Pakistani scientistis and engineers are to be congratulated for changing the design of the Selliore reaction. This is a small beginning, and it shows the about of Panistan's talented engineers. Pakingan should be proud of its scientistic Progress in the tunings area is a vasid need of Paaintait, and the modern world does not only defend its borders using nuclear cap thinties, but aim over such capabilities in the areas of health agriculture and engineering Pakintan has succeeded in developing new needs for agriculture as a result. of this technology. The record-foresting commit harvest in and a result of our tractical program

Enfortunately. Pasintal situation program is a sore spot for the Hondu and Jewish lotthurs, and Pakintan is being presented to the whole world as being affected with may my the "busines bound". Magniefule to objections are beinty made about India's nuclear program India trained in atomic bomb openis in 1974 and discens of research facilities in India are bus-preparing executed. anadrum. According to a CEA report. Our anadrum is recough to make it growns bounds. According to other noun en limba an majar 4 no il gnormo bornen limba s professions are not higher from process. The landing San t arm has nuclear submarines. Recepting in time industdangerous and warlike ambiguous. Pakistan has the right to make plans for its defense. It is not possible for if his princed duell from lingua with in trachtional military weapports. In order to crouse peace of this region and he stop leading a war fewer. Pain stan has to take the route. of applicac description. The United States and other artic buggetts, maritime are tangetting Paulistan in order 51 avery the business world wear. Parintari has made it thear that if limbig a machine program in limpt empty continue there Pan stige will as legst every NPT intergential every region might on Visa much high introdpic oil premise one in the United Nations every year to keep the Imbian Okean. from of trustings weragings to upon of these efficient all tuprov is put to Pan statt. Pan state Ambassadov Kabida. Majorett suprement in the Lincold Majors, have upod that Pas near commit upoperal in touchest program unitality ally It has every right to defined inself from lindia to former as among any which is not permulter withings a tion over determined. Pass stant aroun trends transfer are his names for or health agreenthing industrial and engiturning prop. The major parent common more this program. - purper the Himths and brough inflators If the I must Names I Time the Servert I must Compt Britain Francy largers and finalise figure the regile to barret the larger tenth. resings to the from Panishan Pay read comment stops process 1 yr 3 - gr

Disintegration of Nuclear Power Viewed

23/11/226461 Mission Centra Television First Program Network in Russian 1900 GMT 11 Dec 91

Commentary by A. Geraumov introduced by correspondent from Minhou, from the "TV Inform" newscard

[Text] [Mishina] For many years the downfall of the Soviet Union was an American detain. However, Robert Gairs, the new-director of the CIA said on 10 December that this dream is turning into a nightmare. The biggest cause for concern for the Western strategists is the control of the 10,000 units of the Soviet nuclear americal

[Corrasimon | The text of the agreement on the creation of the commonwealth of independent Slav republics claims that the member-states of the commonwealth will preserve and maintain a common military-strategic space under a unified command including unified control over nuclear weapons. It does not claimly specifically by whom, and how the nuclear button can be pressed.

This is the first time in human bistory that the disintegration of a nuclear power has occurred, and quite inderstandable the world's inhabitants are concerned over the question of guarantees of their strange, safety Until 1 December the whole world was aware that only Mikhao Corrhaches could order the launching of the ILBMs located in Russia. Kazakhstan Belarus, and the Largine.

Then on 8 Decembers at a news conference on the results of the Below-exhibiting Pushcha meeting. Ukraiman President Leonial Kraichiak stated that another system had been created for the launching of missiles and that three humons, each under the courtes of the leaders of the Sarepublics, needed to be pressed simultaneously. There was no mention of the fourth Kazakh button.

It is for missian's strategists and politicians to judge whether the security of the peoples of the former Soviet Linion is increasing and whether world nuclear confrontation in decreasing but those who have to eliminate the missies are becoming dismayed. Relating what the Ukrainian president had said. Gen. [General] Makistron the guardian of the missie potential stated that both prior to and following Belovezhakava Pushcha only the USSR president is in charge of the nuclear console. This was confirmed by Russian President Boris Veltam is a triegistone conversation with U.S. President George Busil.

Let us add that atorguede the button with Corbacher are the Defense Council and Defense Missiony of the Soviet Union, a state that to all intents and purposes to longer cause. In short it is a fine moddle in the best traditions of the USSR

The out-of-favor Chief of the General Staff Lisbon, who was recently sucked by the country's president, has brought further refinement to the situation. Today he expressed perpirates over his retirement and at the same

time seressed that his credo was the impossibility of the constantly changing political situation having an influence on the Armed Forces.

At present events are developing in such an unexpected way that it is virtually impossible to predict the future. And certainty it is essential to have precise guarantees from all leaders involved with nuclear weapons so that we do not feel like hostages of the button.

[Minhina] And so, up to the present moment Minhail Gorbaches in the communder-in-chief of the Societ bucker arising. For the time being the politicians are waiting and assessing the singation. Meanwhile it has been learned that the United States, the EC and NATO have sent their representatives to the Ukraine to clarify the buckers weapons singation on the upot.

Maksimos Asserts Central Claim to Missiles

PM1012254191 Minute [PESTITE in Russian || Dec 91 Court Edition p

[Interview with Army General Va Maksimov commander in chief of Strategic Determine Forces by V Litorkist place and date not given "Army General Va Maksimov "Our Nuclear Weapons Are Under USSA Presidential Control"—first paragraph is introduction.

[Test] IZVESTIVA has already announced (No. 275); that a new branch of the Armed Forces—the Strategy, Determine Forces—has been set up in our country by USSR presidential decree. Armo General Yu Maksomov has been appointed its commander in chief. Our military correspondent ralks to him.

(Literature) Years Parliameth hillowing the agreements reached in the Belon-catchana Forest who is the proper effor of the nuclear weapons, you or the leaders of the three independent republics."

[Massimon] Both before and after the Betoverhokavia Forest to use your expression, the USSR president and the State Council are their proprietors. And we are responsible for the high degree of the Strategic Determence Forces contribut residences. As for tactical insulicar weapons, they too will remain under USSR presidential control attribugil they are under the jurisdiction of the Ground Forces assume the fleet, and the Air Defense Forces.

[Litoskin] Who are the Strategic Determence Evinces tecessions. What will they constitute."

Maximum. These aim is to ensure missans-strategic stability and strategic narries. The new branch of the Armed Forces has been formed liqued on the Strategic Rocket Forces and balliotic missale carbs warning, space surveillance and missale-space deficient systems as well as the space hardware chief's directorate Forces and tostems from the Air Deficient Forces will also be militated.

Air and was strategic nuclear forces will also be under their operational paradiction. But the final compositions and organizational-staff structure of the Strategic Description. The Forces are still to be clarified.

[Litorkin] What will the creation of the Strategic Dinerrence Forces bring?

[Makemon] Concentrating all strategic nuclear forces in one set of hands will help until their systems of command and control and combat use, formular unifold technical policy are a system of staffing and cader training, preclude 1 recessary duplication, and thus, save a considerable asset of money.

[Literkin] Another unt to classly. When biting the components of the transqui Denerrence Forces, you said nothing about arts. all, fuclear weapons storage bases, plants where musales are assembled and trening ranges.

(Maximov) Without doubt, everything that is part of the Strangge Missale Forces, as well as the other defentive systems that I have cored, will be part of the Strangge Deservence Forces.

Literature Here does the constron of a new beyond of the Armed Forces fit on with the Treats on Stranger Office-time Arms Reduction and Limitation and G. Bush's and M. Gorbaches's disarrament initiatives' What is your opinion of them from the military surespects'

[Maissitton] I think that the formation of our troops is fully in line with the Strangge Officencies from Treaty. I have already said that the intention is to cut appropriations parallel, structures that duplicate one another and, thus, arms—all this. I repeat comes within the treaty that has been signed and is designed to fit in with the stages for its implementation.

As for a ministry-strategic assessment of the two presidents' ministrives, I can say one thing about them. The drastic reduction in nuclear confinentiation is in miell a positive thing. We are for missance, taking off combat airer 503 intercontinental ballistic missales. That represents 1 094 warheads. We are resolving a whole series of other issues. We are withdrawing from our force composition the RS-10. RS-12, and RS-16 ICBM's currently deproved. The West classifies them as the SS-11. SS-13 and SS-17.

Our hombers will not be on combat alen duty with nuclear weapons on hourd U.S. strategic hombers are also being taken off combat alen and "Minutemen.] missies will no longer be on combat alen. "I think that all this will corengthen military-strategic stability in the world.

It tank in Some experts recken that the U.S. side's soll-vidual institutives are putting us in a draid-unsugenous processo. They instead to reduce their nidest missiles where saying nothing allout sea-sautiched master forces and reving at the same time to deprive us of very

powerful flooders weapons the molecul consciousnesses them and restaure their molecule capabiles. How do you view them capabiles to the de-

[Makenther] Char talks with the Americans are always thadle difficult because the situatives of our strange bucker forces are different it is very hard for both soles to find 4 bulleter of observed. What is more the various proposals and consumers do not set expresses a final solution, they have given no one the edge: But they use in an a busin for negotiations. Because organizationally are given to provide a conjugate compromise.

The forenegic Officencies Arms Treats does not apply as four mobile "off-could" joinglency. And the suppresses that foreset motivity racional joinglency will joingle in permanent basing areas to our discussive. We think that it were of the general stranges makens to the world and the stranges today we can take that very without danging the countries a security.

Naturally thin is not a definitive decision. If the intertational situation improves, we will agree to new immutions.

Literature with their require corresponding steps from the Laured Square."

[Maximum] I thinta that both uses have already space corresponding steps, again from the fact that our do i seek to call warheads from 6.000 to 5.000 gues feeture than the U.S. peoplesals. But that is their guession. Also, is to be done in that case."

(Literature) that the Stranger (Otherwise Acon Trepts has still not been qualified atther to usuar to the Lincoln Square

[Makesmon] It is now in the process of heigh proposed for optifications by the coupling a Superior Service and the Congress.

Literature But were't the collapse of the USSB and the formation in its place of four tracings present in pursually such a powerful independent other in the Ukrains of whose ammony the Senangei Ricker Frence on one and prevent in ratification."

[Makesmon] I don't those that their decircle to proparticular difficulture. The consider reduction is unacquiprime for which the present makes promising in it for interests of heath the United Supers and for I SSB just the whole world.

In the care the frame that from those process we concern an extract and extract an authorized the second control control of the second to the second and a welfacer or the states occasion that we have a property of the states occasion that we have at the Fifth Compares of Property of Property of Property of the second at the process of the second of t

The organizate assessments and the enforcedum on Large trees endopendents along with the agreement conceded total flows. At our direction has present the control Large flows has because the present flow control Large flows to strong enough to another and the flow enquires to an expansion of publication control and engals much true techniques.

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The right of overs regulate, to declare must a real-time come and corner to securit that status is another matter. We fully request and understand that right. But realizes bradient and the proceedure for bringing that decision one officer mass by decision and unredirected.

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[Management] We have no particular conflicts of particular conflicts of particular conflicts of the particular part of the formal particular design of the conflict of the con

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We have to present a same term, I was to require an arrange of the former to the present of the former town of the former town

Principles regions, 1 that the there denied by and I am assess the start for several formation of an area of the point of the several formation of an area of the point of the several formation of an area of the point of the po

secure than amount other t. for said, adding "this much attent will contain in place but who concretely in it charge of this, even if I know to I wouldn't sell you." As the Server Course uniquets, so one can be cortain that the old remotes of control are still in place or if they are: how one they will remain us. The Bask administration is concerned that committee than break down completely atted the chain grapping the country. Director of Central buseligence Robert M. Cours, said Turnday J17-Committee, "we face a period of uncertainty at Ramon. and the other impullies, were our preservent of the weapons and resulting our constants and procedures for committing and operating them." Gazes told the House formed Services Committee "(he unsulted to Cangermuch annuable. The connum is in a feet fall with miprospects for reversal at ught." Gates also speak before Cangress on Wednesday producing severe social agillational on the disconnegrating Servet Union, saveing the country has not faced such current once 1917 when Lemm and his Boothe-in Party later to become the Communist Paris. Serie rese to power. Refert Straum. the U.S. profumator to Moscow, wanted that it the current climate. a flucturates incrediary could rands gain prover, and croke the fames of nationalist scenthere, promity a program which model exceptive store and way ("I'd progress worth that will no their thanh of command, a dispranting arms suffering from chorages of food, fact, and, in mater cases, brooking, credd power a through to the fragile tors commonwealth. Speaking of the findance traders of the republics, claim said. "We are dample concerned that the recottons recomme and count challenges than correctation them.

Although Promises predicted that service sense or some count gray the Service I must be the beginning of secur year that or the common cross, and particularly of orliness that the discounted the promotions of a second count of course possibly to band-lose motion forces, producing to Service Promotion. Makes Continuous and St. Promotiony Mayor America Softetial. Various will not appear or the common of Massace again in they did into America. In soil.

Prompairs also used the contentual-weight foreteed by Ramon Belongs and Climate which has already been specified by the particulations of those repulling has positive implications. For the future although to employee and that a contentual configuracy network will contained to "some the attention of sources" in whatever form a concepts.

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Mestern Attitude to Nacional Lemis I commend

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Statesticitis by Soviet tradees on the past few days bases too halfs clarified this excrements emportant questions. Russian Foreign Missians A. Kappines whose words were interpreted to mean than although M. Carbuchers in electronic superme context of the naction are that during the neglectronal period, he is nevertheless already obsering a widt B. Vetton, was proved by Ukraman President L. Kappichian who between it the naction of the averageon of these "nucleus histories is the hardbood of the averageon of these "nucleus histories in the neutronic to the Missian of these national periods of the average to the original periods of the average to the original periods of the neutronic to the original periods of the neutronic to the next few days.") were also disquirence.

We must not forget that the face of almost No.000 Secure tractions workloads to our tengelshirs paramount worry. It is not out of the question, of their opinion, that tracticul tracticul weapons will fail otto the hands of transmissionally excited trades or will be secretly used to "Third World" squeen which are at notice trained for their even proper consendictability.

This will be the subject of discussion in a meeting between Eresch President E. Ministrand and G. Burbajin on i.2. December B. Vellust's review who has arrived in France on a con-day risk, will also even Nazional America i. Discreta. L. Fallius, Ministro-Delegant for European Affairs E. Congris, and the country's former President V. Loward & Empire, Local observers perconnection risks in Russian & desire to calm public opinions showing that the hashest human is now in religible hands for Paris correspondent V area. Acceptable reports.

In this constitution, news, agreemen have been expensively quinting the weath of P. Devises in communities in chief of the Severet for Frence, who said that "a madman on his new contest take convenient filters weapons. Meanwhile it Braunch, NATO leaders are examining the idea of group associator to the East European countries of two others—the convenient of the feature industry and the consideration of the convenience over the missage.

Defense Minister on Nacleys Arms Control

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Example Making contractors had exeptions conservanous with Born Veltuch and Laured Kepschial tadjus. The latter make place after the I kenner president had declared himself continuation in chief of the equation's armed forces. [passage mixted]

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Mismonial The unused strategic forces than well before contribute to the countries of the Continuous-registic well by engineering to a decision of the prevalents of those organs, where the prevalents theretains will be taking part of controllusions and it confidences.

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Bi TASS correspondent last Burniker |

Treaty Manhangton, 14 Des eTASA—The Minor thouse has attroughted that on 11 Describer Prevadent Carrogs Built, at his own integrate held a transferor conversation with USAR Prevadent Maked Carrinature Chartery their means. Theretry talk they discussed the forestation of the Commonwealth of Independent States, the New of economic and how to country the salety of tractical weaponts. According to the White History principal that New of tractical weaponts. According to the White History principal that New of tractical weaponts are under critatio control. The According to the Usaa States and provide tractical research of the Usaa United States supported the describes and provide tractical tractical tractical places on the regulations and gave an assumption that the US Administration and

China Will Not Help Develop DPRS Arms

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Trent Your Joseph, vice presture of the PS1 State Council in a marring with Waspaphe Japanese torroger minusers declared that China will not transported with North Korea in developing nather weapons.

In this consumation, signific community or riving hardwares written the following. The designation of Your linear vacy produces of the PRE Signific countries on the residence observing (Sinua's produced produces on the same concurrency the acceptability price of vacing weapons.

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the platform. Very Property Face Arrays (Sentaneed Class I broke plates to organ risk Noon-Newtone Property and Treat of the term Notation of the Noon-Newtone array (that south a through the south a through the south a through the south and the south and a through the south and the Noon-Newtone of the south attraction of the south attraction of the south attraction of the south and the south attraction of the south and the south attraction of the south attra

Lived treath talk about the resent of the same. The DPRA upone the Non-Nacing Proofingson Trough is 1831. The reasy suggestant that countries, which do not present runting sequents and upon the ottops is case that then have attenuesting facilities within their lands should open their down for an etermational etermination.

Registrative Privilegians has not previous such a devicated This concerns organic consistent, including Japan. Therefore, the concerns around that the DPRA Convertations is provided by a consist greatest to device the day of the consistence will be set to pure without using the distinct and positions will review a conflict to causing the distinct and positions without to the Consistence and to device provide a consistence of the Far Land.

And from what is the prospect for the mass? I expect that the mass which considers the world consequency will be reached in the step Option A work ago, the DFFA friends Ministry mount a consequence to accomp their of the exhibitional of U.S. backers weapone from Securit Known lengths. I will approximate to accept important of the constitution of the consequence. Then is required to the consequence of Securit Known in the consequence of Securit Known in the consequence of Securit Known.

berned extensional that the withdraway of C. S. Especial terruporter had attracte bugget and that the withdraway will be compared within a death case where C. S. common temperature extensional from South South

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I would like to call your attention, to the fact that the Northead Scooperationation Trees; has been against for 23 reas; and that 18 countries have to far accorded to the treat. There large teacher powers—size Server 1/eases, the listed Northe and Britain—guarantees for regionalizations of the teacher to congressional of the tracks.

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I would are like to poor my that I honorar traders begon correspond for these Physicals in point that China has been and the train temperate to get reflect countries that has a and to timing for manufacturing bank broughts and and I do to it for future I radio florar on presuperior I a completely loggery for I hope or provide to the Nactors Suppressional Frogs. I think this day is all the boom regurbate and removal randomers for pass for previous use of husing processors for other again became the the part of results of the results. The impacts in the residences. "to have tribing regular monopound to the great present a time that presented by collect countries. minding some house requires. They promote has become other post in this fibr ministers and posting straigh and a principality of earlier groups without flower a day matters aren by my surgests and where flow o a greater danger of the less principrischess. Then is place an note: Not until N. garred. Therefore I have a a white to the Su can Suppressible places. Theyer will article and the of terror against gate

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That is how the operation could be the degenery from ing of 11 componen with frost "mackay" fact. More than 12 kinggarts of resched Unpassam-211 were repoperted on law fights on 11 and 18 November through the country's many more account from the Muldle fact.

When hoping to get commons, I called up hopps belowable. (Supremus of Compromissionmanders (Supremus Commons for Industrial States Supervision) of the Economic Service. Federated Socialist Republics for each poor surprised, and for repeated several tensor. By equivalent recent to imagine that someone would take the will take once for head to land up accomply with such prisonal radge of a content service.

It is profitable promotive to understagend this tack of actions reported on the part of the than many of the Europea committee, who is galled on to protect us from all knows of california and number suppresses. Who departments was compared quote recording and it has not not expressed against from its work. But, as a turness out, but I have colonger Value Matrober charman of the new absorbed 1958 Compromatomisations was also completely in the dark.

Was the what happened, or not? It did not user song to figure use. The arranged transport operation was extended by the UNSA Missisters of basens. Power and Industry, which is misses years has presented as with from that one terrible systems.

But exerciting began rather suitts. After the defaul of line, when the CN Security Committ operationed that line, was stagged it country a tractions evapore, it received to depress the defound country of all transmit terromary for this purpose.

i successed in Geology a puriouspace in these pressur. Pro-Lamentuck. Separa principal director of the Tool (fact director) concern of the Manustry of Accesse Power and Indiana.

"Approximately 40 alternations from Boghdad in a tucker center near the town of Tavant (as transition end, IAEA (Immanuma) Anomu Energy Agency) spircustom found a Soviet RT-2m reactor. Stepher, and spect macking fact for it." he recountry. "As it formed out. t was basically produced here in our country, and it was transferred under conseque to long in 1981-85. The pronount was based no assumptioners affices, and speaking it tor integrage. 14 products were Mi-percent curvined, and If were the percent executed, 1AEA-the International Known Energy Agency-officered to pay on it user this arrangem, represents it its own constant despites it, and stars 0 to the disposition of the agency. AS-17 transper arough from the Scientific Research Jouesuper of (ind bruggers was found with a crew of see paint). Carrier special between digital consequences were delivered from the Limins to bring Teamstreach in the appropriate was mornational the flight was given a United Nations Expension number UN 515

To what kind of cargo did they extend to carry? Cherral the most dangerous was the "special tractical had This is what gives of awhat cadamien. The set coupsed "fresh had a much "water" sand a a thin that I No. 11 is servered, representatives of the Mainter of Rosesso Power and Industry asserts in an Tract packaging, a gives of a radiation background than so not much higher than the tenant background.

We prized Visibilities Feeder, forms despite chard of the Major Administrations of the UNSE Compression recording taken Figure Commission for Destinating Number Energy Super-county, for a recent despited evaluations of the "Tray larger County, for a recent despited evaluations of the "Tray larger Re-continued that University 271 between of the "Tray larger Re-continued that University are a count of four and the most danger group & Inherit are a count of four and the most danger group & Inherit are a count of four policy and the most danger group & Inherit are a county of the policy of the County of the County

Pror Lawrences and did not exclude each a prombition II is over he takend a lot about flight safety measures, about the recipitation of the continuous, and about how improbable it is for an matty of the most divious consummation to protecule to bring about a chaost reaction, but he could not extractly exclude the profitabilities after computation. That a UN-10 according to the Mostow arguer could had to recombite commitments. In each a case it would be more legical to used the according with the scattering way from topodo purposed places. Nothing of the sort.

The long is couldn't the 4.% (2) as the perfect of the 4. Hallbusement mission base, after organizating a powerful multipowered goard for this. Officials of our nucleus industry brought the continuous directly to the country's main increasional arguest. When I trend to get at repeatation as in why openitionally Monorew Sharreservers—2 and not to a remote mission perfect. I was still represented. Therefore the a contents office there.

(Redience to the use is touching, Encept that, as specialno coplained to as the law in this operation was breached in every way. After delivering the granium to a beginn populated prog. the touclear workers did not erform either the Congromanominadour or the Minoury of Hispith, also writing goods the 1988 skape of the LISSA Supremy Server Presidents and LAEA documents. according to which impaction of the kind of material dissid by independent of the organization that a carriving not the development and our of nuclear energy it the country. The monages was reserved many times by in the abelian departmental commit Therefore in a precials it is difficult to be combined that the continuers but were transported in 15 and 18 November from the to tray comer in Iraq to Shorematoreo.] were not it some way more terriforing than "front" fast from Ling. Transfer I n

If it is creately time how Union supervision over the purers of the outline engagement weaths not to cook articles that repulsion supervisions has not been quite been on him took who knows how makes carries of this kind are soil rathing around our investor acquires of this kind are soil rathing around our investor acquires. For recompleting is not known at Sharesmanners of Aureur, I not been broken acquire growing director for acquire get the effections of about UN-STI's "mathing" accommoditions on

Apparents this was a military flight, for suggested, and their crassport everything imaginative through an year as seven booth. Who can abook this out? After all providing is /amelied.

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Text The agreement the leaders of Roma, Briance and to I brane have against to them a community of

independent states has again called attention or who is going to possess the tractions weapons of the forther forest Union, Hinto is an opinion from our military otherwise. Colonel Vadim Scionyes

Nuclear weapons are deplicated in Russia Ukraine. Brights, and Kangabetan. Climit now the leaders of these loar republics have represendly used nuclear weapons must remain in the hands of the century but the decisions that were adopted in Michal raise some pursuents fig. tificantly the madery of former Count republics agree that the sovereign maters that have come one being on the sermines of the former Service Litter must be no means infirmine international agreements or limiting weapons, the destructions mustings weapons in the first place. This is in the impression of republics themselves. Besides, this can berg couplified good retarions with neighboring countries and clear the way for entire mothe international community. Mind you as soon in Neumo proclaimed court independent it mand full tought to the three from transfers printriples not to have tion to import, and not to provide any feature weapons. Other republics are not premium for the nucleur button. collur

in the other band, in military and unbiness terms the common origin of strange bushes exagens cannot be founded. If it is no commonwe baterioring, it must be controlled by the course. No organities course for Pareca, perhaps, can afford to maintain bushes mission, train procurated in given developing, training or producing this and of bigits inchronogous weapons.

A forger for stranger traction weapons, arising other questions, is discussed codes by the State Courters. The surround president. Middled Coethacthers and the presidents of the regulators possessing traction weapons expect to adopt a foral decreases. On the travellage cost the kangast president. Supresident Supresident Supresident Supresident Supresident states weapons had to remain under reternal control of a comman all incommunicated communications to reduce and get red of traction weapons will be absolutely by so will fire president organization organization exchanges that President Coethacthers put forward and Christian.

Republic Brade for Nongratiferation Frents

LDD/FIZZY/PF Microrer 7.455 or Engross / Tre U.SFT

Be t & BIND & W correspondent Serger Biblis

Test Les Cocentes 11 T.696—Chapter stands for anythmetic impropriet with the European European European Suppliers received and would like to just the European structures of the word future Christian President Control Expedition of the Section of the Section and prof. Christian Control account account of the Section and prof. Control of the Section and Control of the Section and

The E.E.C. representative expressed his ottoms in the Unione's and the new Commonwealth's mand on size type traction arms. According to Expectual Union is made to sent the Non-Presidentation Timute and to dissimate it (as minimal) complements on its unvision.

Nation Treation To Apply to Ad Bepublics

CDVJ(Delite) Minutes FASS in Engine 1940 GAV) 12 Dec 97

Di 1455 correspondent Loudmin Vernationa

These blaces Committee 1. LASS—The search or temperature of technic employee and other multiple cap contractions treated and agreements of the boson Lincon which applied to to entire territors contain said with capacit to all regulation that have count to be territors of the quart. This plans too depend on whether they take multiproved their contentioners under the contention of the Sevent Committee for Contentational officers on Thursday [12] Decembers.

This discusse was quiete as name of the withdrawal of some regulation from the USSM as well as a possible resignant of the construct of the action matter a presentation and TASS.

In this occupant, a quantum arrow plens the repulse of multiplication of which the LASS is a party such as a p

Drack: Nation Area Can Copel

PMOTI J. 440% Monroe NEW TIMES in Empiric. No. 67 CT IS Nov. 81 pp. 18 JU

Actuate to Aarkan's Actuation dominate of the Centers for Dissertainment and Structure. Stability at the Econographistics Americanism of the UNSA, and Thomas Conference action researcher at the National Resources Defective Council of the United States. Finale to Important. Not \$1.487 (Structure, Armin Respection Treats)

(Test) Strategic Arms Reduction Temps (START) was agreed use fully often many years of sequentiones. The sequences on its Temps can handle sequences over opinious, however.

The equitoring of the expression amountails of right of the new powers by the way 2000 from more than int 1000 nucleus withrough to 6,1000 does not account stuck with the widely declared arm of partnership. It can be repeated handreds of tensor that Missions and Washington to longer regard cach other an examine. The legactar motigan continues to the powers will remain a fact, however of the two powers continue to long thousands of nucleus warhough acted at each other.

to from the farm

Soboli (file Inscitence Intermedia posteriorania el Dio Norwett I. Income antal (file I. decord) Support correspon al legit leverin George Rossolen anti-pertand an esselli inflier menigire because Discret anti-base se thants tangette at the room of the world). The times competitive declare based participal or incomings transcens to action is result officer antal aims not conjuncted to have each or the forces.

The Whose Hissan and the Kormion observable see this presentations, as is a vestions from President Bank's rectangue and Manhael Contractions is represent September and Chieffer which proposes a faster arms testiactions compared with that extending to \$7.687. It is a fast-temporal with that extending to \$7.687. It is a fast-temporal between

Consistence proposed and a distribution of the different and process of the different and all ground female communications as the process and always persons of the consistence and to be process and always persons of the consistence and the forest persons are processed for all and the persons are processed for a person of the consistence and the area of the consistence and the consistence and the area of the consistence and the consistence area of the consistence and the consistence are a person of the consistence are

because of group further. Whenever trade outs a total ball-least to propose up to at the arrange presents of the two coupers or 5 (88) rate 5 (88) tradets; washington to 5 (88) rate 5 (88) tradets; washington to total tradets; and withdraw digitals except of months; to be unappend under the English from the digital of months; and without a distance within a distance trade.

to Expressive Laboration

to the series and regard it will ben be open to describe and saving them; runs or the general and are haved builtone transcess. First of git the processors of disconnecting, runs deposes and commenced or the reduction of economic part or consistency of the reduction of economic part or consistency of the reduction of economic part or consistency of the reduction of economic part of the reduction of processors are consistent or consistency or requirement of the reduction of the

Semantin a strainy modulation of the humbler of equivariant will let a some droppin regulation of the superfield of agreement for a surger pain of mission bases multiple was broads. As a mount for Semant Foreign and the Foreign Septem except organization as semantin processor of grassing trained mission and a considerable observation from Martina regulations and a considerable observation of the Martina regulation and a considerable observation of the mission mission of displacement or mission with the mission of the mission of displacement or mission with a construct of the mission o

called a front distance enduction would call for new sales and, enter we are long in the constant, a would combay the time town terms of \$7.4.2.1. The founded counts would be not off again for the sales of a more attractive but arthurstic objects.

The Hidden Barr

Them is a way out severthelms. Charting the constant the drivings continue formers of the two powers could be reduced not to 4.000 or 1.000 tags to 10 percent, as 1.000 warfressts for each parts, without undermissing auditionated teacerstal accords, and without additional recommendations, without discounting 17.447, which was worked out with group difficulty.

Sugaring \$10 km² is the continue of this case the respective assembled first of all to us obtained arrangements white constituting to degree new organisms continue and table with the affect of the continue and table to the continue to the continue and the continue and table to the continue to the continue and their continues to the continues

\$7 to \$7 does not used envisage the enduction of turbuse engages to this way bottler approach could be based on two protogodes form, is to a quantitative confusing a regards described of united by building bounds, a broader out of the enclosed of united by building trailings encounted and of the earliests from the markets was been contained of chimosomous manuals current and their matters.

Nation Standing Black

Microsol elementarion el designistation processo. Microsoldesid el lam agree de a embaction el began alla-hand Sh. Il escusios and le bad! in apportunit el ST 4.8 T to 154 period. De la como These etembre, card carriera con especial el de a empagnistation, are a color large legan. They per regarded in the West in coloradors. Gets extraores especial participative because they are not fit for a straightform. Note control because they are not fit for a straightform. Note control because they are not fit for a straightform. Note control because they are depletioned of figure for the Samuel Federation. They are promised at the Designishment production. They are promised at the Designishment processor, plant in the Tangero

formings promposed of the tops are the a deposition town in the way of realized four-resource. They impel the Crossel feature or develop requirementation to also feature for a substance for a substance for a substance or a substance or substance. Indicate the substance of the United Stance Company of the United Stance Chapters of the United Stance Chapters or deep accurate their are recorded to the Stance Order to the Stance Chapters with

became \$5.24 measures are contains to the Proceedings common. You of these measures other component are provided to Provingenal) are based to ultim or the Rammon Federation and 40 or the Unione. They would have to be Commutation, two responsible cover they are a contesting and resincerable cargon and are to the time datable onto

Thus, Minimum would districtly two contents. It 4 minimum cl. 640 workenable and Washington would do the name. 140 minimum cl. 250 workenable Minimum to would give up plants of depicting 156 minimum Trajected transition of 160 Minimum Cl. 1650 workenable on the other 14 suffernaments of the class.

The method of complete 'unimaking' to come could belig to withdraw much more quality and changes all the chance ground only as board member which were to be described another the Tempo Otherway the converse to described at the parties concerned denait all the warbonic from those measures and put from a correspond on additional procedures of control and thereby withdraw-them from the nuclear balances. the distinguishing of these measures, note and submarries could be effected ever a larger person. This could be done with two companditions and the ways of county for person purposes could be thought our thoroughts.

The commoning advanced counts, though he partially assumed 10 will be a quick and though confusions of the transfer of warbonals, and their concentrations and not trends will decrease at the same time.

in 1997 the lineard flagon would have 640 ground and one-based members. 20 submarrows and a total of 2 400 too lay washington and a total of 2 400 too lay washington and a total of 2 400 washington and a total of 2 400 washington to crossing offernous premate.

In other worth, is 1997 control of 2000 for two contitions would have improved floor arternated worthwalls not by 30 or 50 persons on Confusions programed in accordance by 50 or 50 persons on Confusions programed in accordance by 50 persons from two or the second function of the format Confusion for our flower confusion of the second for the second

In this can be authorized with two consequences while committeering authorize and preserving the START cross turns. Because to committee and the process and the grown as the manner than two parties and the fraction for their term for the continues to the fraction of these two. Thus the case programmes of examinations will be required to the committee of the com

do necessary of course to explore the emphatisms on attituding which are question as \$7.427 for tags of attentionalist "events making." The course of courses can be exceeded considerable Let empectate may perform the exceeded considerable Let empectate may perform the exceeding the transfer town artificial and ports to worse, the two countries will have examine equal apportunities for a course exquestions (2.20) to 2.50 washeads and from the starts.

The second stage, covering a period from 1991 to 2001, will call for START-2. There will be time to work our such a tenate in the first half of the current decade. The time tenate could be based on the principle of a further "actionality" of mission, up to the complete removal of workeasts from some portion of massies. The mission will remain in their positions while the workeasts will be steps in course ander the permanent content of the other parts.

When Minniso "Corpo Plate"

to a result, the United States will estate till also-based manufaces (CBMs of the tope of "united of Manufaces man-) or new Wedger-man mondes and 400 mondes to size, but without wartening its speak force would mean of 10 Chino-class submarrows equipped with Tealisms-in ter a massia of a new topes, such with two wartenings.

The Sever Cross would have 430 ground mobile \$5-25 mission, plus 250 miss-based \$5-25 and \$5-25 mission "articularly" to over The mission on Englished saids while the mission on 13 Data-25 (Datifies submartnes maid by "articularly" from them to one wartend.

in all, the Limited States will tave it submartners and SU mission or active account intelligibility through with removal warbrack, and M4 nations warbrack in firing term, whereas the Server Limits will have 15 submartners. S'I mission and M4 warbrack in other worth, the transpire arrestals will be out to M1 persons in the number of warbracks while the number of carriers and warbracks will be roughly one to one, that is, done to the sheat of mathetics. The opportunities for a "reverse" will be equal, too.

The requestion of the number of warheads below the 1000 arest a not onto of combatic but also of posteracinatory, emperature. The trackers weapons of the two countries will become congruently in their amount white tempony a cabellantial "articular" reserves with the forms of other nucleus powers. The hypotal nucleus conformations will cross and Monorw and Washington will be after to candidly us that they are no congruences or opportunity in the strategic respect. The other nucleus countries could be drawn onto the process of multifaterial cuto.

And the unit thing, but themselves are possible of through mitrations are preserved in the depleatment of through anti-missair defence; including ground- and quar-hand correspond to severe. For this resent Missair is consent in Tables to device a non-hadron anti-missir consent centres to be a sering discount can if his one knew before that the histories. Defence institutions is a non-nucleur programmer. The two powers have for more promising arms of congenition, militaling congenition it achieving the arms to which the "most" antis-mossic defence content is partified.

Officers Assert No Naction Arter at Common

CONTRACTOR Massive Bill IV 41 or English USCH (CMT + Dec A)

Teammating og & 15 Exc.

[Text] According to the accordance "Postations" officers of the Turta minimary garment have smand a comment assuming residents of Essonia that there is no budger exagents on its sentium.

The externess was alegations of Estimate deputy Vari-Lam that the garrieon has tracked weapons do not correspond with orgins.

The garment's Command is to build a news conference for Emissions and Sorrige star-ballock on the courtion to the court

Nurfrer Womann Talks With I known Dented

Transfer of Wartends Alleged

LORD 204 200 Money T 655 Assemblement Service or Rammer 1250 (AMT 4 Dec 41)

(b) TASS correspondent Andres Narvallion

Text) Measure 4 Dec. T KSh.—The General Staff of the LSMR Armond Foreign has no entermantion estation for called horizon that no entermantion estations or on take between the Centers and the Ukrainsan leadership on tracking armin degitized on its termition. This is what Lational General Browning-Omerica has first depart, that if the General Staff with the T KSS correspondent. The said that them is a send at all to discuss much of this limit. The added The query was addressed to the General half believing a report in the SSW TURK TIMES of 1 December. It said that USSR control authorities along only "transferred takes with the Ukraine on the man of transferred takes with the Ukraine on the man of transferred takes with the Ukraine on the man of transferred takes with the Ukraine on the man of transferred takes with the Ukraine on the man of transferred takes.

Shapesholder on Ukraine

THE CONTROL MANAGEMENT AND ALL OF EMPLOY MANAGEMENT TO SEE A

Transmitted og &3 CR3

Text, The USSI Defense Minister Marsha I regime Supershrikers has used that the Ukrainer still recognizes common defense quart and arrespect borders, as well as the arms of nuclear forces. He believes that more talks on these causes are still possible. The Defense Massacritic forces from Persident According of the

to the contents of ductions wrappeds.

Arendak Breeze New Missile Command Seaton

THE TOTAL MINE OF SECURITY STREET, SECURITY SECU

The LAURICAN correspondent General's Common

Except Levi 3 Dec (7.456—A news confirming grown to Elementar President Leonal Economic redge was devented to the agreement on a Communication of Independent States of Belance, Ulcraine and Ramos.

Sequentising marriagems with the document. Council know-that their particular attention to the fact that the agreement does not treasage the creation of unfilled structures of administration. with the exception of a collective community of strategic forces.

The I transmit persubers engineed that previously the previously of the LSSR has bad the launch harton at his disposal. But now a different concern has been compared. Sow in order for monitor to be launched, three buttons must be present simultaneously each of which is under the contents of one of the monitors of the Contents would. If one of them should press it the launch will be take placer only them and them amultaneously (passage onested).

Officer Discours Chronical Weapons Destruction

Philosophia Marie LLASSATA TVLTDA in Russian II for St Flore Latino p. 1

I statisticated report on attenders with Major Comercial Visconsisters professor, discharged institution sciences, and deputy short of the USSA Defense Manager Thomasia Tracepo place and date see given "Will the Destroy the Chemical Seagures"—date paragraph is editorial introduction.

Their Exactly one may remain and the date when we should start decreasing our chemical arrestal under the appropriate Second-U.S. treats. That treats has not set been satisfied. But the profition of decreasing chemical weapons will provetheless face us in all in magnitude in the very near factors here we made to tackle this profition? Major General 1 Terratabors professor discuss of sectional sciences, and deputy chief of the USSA Defrom Ministry Chemical Troops, discusses this will not correspondent.

No Matter Hare Costs, it Will be Nacousty To

(2 congrisors | 5 wo harmon's 5 documents have been agreed in the options of thermical seagons. The first is the 6 conting mentionalistic which strongers a white serves of suggests the option of the halos (floring) seagons to the halos (floring) seagons of the halos (floring).

and gave full details about where there are stored and greatered and the mannage of our chemical weapons to terms of topics. The United States naturally did the same Under the memoranidam recipious costs have been made to chemical weapons dorage and production factories. Marmour hower and U.S. expens have received themesa weapons destruction factories.

On I have 1981 the USSA and U.S. Providents signed an agreement opposing resolute steps in the options of reflecting the sides chemical warfain potential. The USSA has \$1,000 times of time themical agreem, the Ution States \$1,000 times. Under the agreement healt takes are committed to having no more than 3,000 times of chemical agents such by the sear 2000. The agreement has not out been quitting.

But there is another factor which should not be forgotton. The multiplearial discrimentary coefficiency of Centures as part of which talks on themsest discrimentaries are being bold, is commission in work had whereope three-finar source ago the possibility of statisseuting as all-embracing consecution not only baseoing the continution development, production and stockgolding of book themsest agents, but into envisaging their manufacturfentivactions, would have severed attentions, today to cluberation is making evaluate progress.

According to expert assessments, the text of the convences county by disherated in 1992. For a so come mufunce, the convention has to be catalled by 60 mates. This could make two pages for the comp one force reward the end of 1994 a altogether probable. And this theater that one vapor in the constitute page to the convention dissoil that the process of distanceing chemical segments.

But the guestion to to whether technical requies are prompting as to desires themical seagents is a perfectly. turners one I would the to make things univers item. form. The Content States incorporal producing there in 1986 lame a greater 160 m cine or gired humann has quantity of horges chemical weapons. But they get mit the againfactors thing have. Thus is so see U.S. alternacy. weapons have been moved for at least 14 years. There is a second factor too. They differ from ours in drough terms. The Americans have made more extensive part of light allows at their leges. They have somewhat different requirements regarding the assessment of the assets. This a fine from the equipment of their effects-covers. How ever f. S. Domical engineer are now it a nach a mare that the presture of processing them is a pressuring once and Hongarold segment are hardly seamen any more There are no more detiriery reflectes. A bomb after all, o developed for a specific rope of accorate, and a shell for a specific artifact course.

The Severt Union would up themical wagers production in 1937. We have remains to problems organizing corrupt rather. Some 12-14 million rathers IRI are required each year for the strenge of trees agrees. This

maffaire down but bear comparement with matter on desirate time. And we can distre-familiari weapones at least \$2-40 others.

What, Then, Haw Breath Bress Draw!

in the amount half of 1990 the 15th Cartesia Ministry, began discounty services processes over the actual cape of affairs and the technical basis for the half-liment of this agreement. Chemical suggests are suggest at transport depots and have and the technical basis, if not again there is sear moral importantials for fulfillments of the agreement. No one it may constitut beam ways requirementalities for the depotential of the

As the main of two years the USER Counted of Management thanks the decimans to convert the consultation of Chapter revola the only one is one counters designed to develop themselves empores destruction unfittingues. We have then been degree of a facility and therefore been attained to entirely themselves empores disconnection unfittingues on an industrial water leaves than in March 191 for USER persudent undersol the Defertive Ministers in finalizes within two ministers of the facilities within two ministers the democratic engagement excellent to the facilities and continuously and submitted to the democratic engineering the engineering and submitted to the program and approximate a water disconnected to disconnected the programs and approximate a water distributions.

(36 II) May the indicathod program was safemented to the ESSE Calester of Microscopy, where consumbs to one has saken it up It has to be biasely used that the provident is distinction has not been executed, nor have lawn regulating thereical weapons description been distinct have found from the Country been define who is respectively for the description of entitlesty some agents who fills—"on the program have a recurrent to the country a security and we force

A new upons of the development of this problem has been observable as this year approximates as end. But as integer at the discontegrating I must error but at the Ramman level Even epities disputates representing Ramma and endovelbal Ramman officials were greater during narrows discontents of programs and attroduce international confidentials. We saw their enterest loss upon an arightests. Then in Newtonther the first substantial remaining of Ramman Supermore Second disputation on the chemical weaponts destruction program was given A report on the program was delivered at 27 Second-bert to a working intellecture at which desputates and charmen if contentions and charmen if contentions and contentions and internations and internations are discontinuous and could it weren to the total to some part. This discontinuous

We have fire a long time now mained poetes clerarly that the problems of chemical weaponts, as discount from the problems of other tropes of weaponts of main destructions is a Rayman profition. There are tracting weaponts on the seminary of a few registrace. Chemical weaponts have been problemd in Rayma and they are also showed in the prompts. It is difficult for my to up whether only Rayma.

will desire these weapons or whether the regulation of the further Union will use pure or this work. At here it can be used that the destruction will be paid for out of the Union budget. If it exists, that was cast wantedy count on any other participation, and given this, it billiows that the confidences observing the destruction to accome much be beautiful. The cases street by business. The constitutions and enterprises observing contracts to carry out the work that the be because.

Shows, Eben, Apr the Facilities To the Constructed

The program encourages these possible opinions. The first is to content executing chemical weapons production plants into description plants. What is the advantage? These are mane-of-obs-art plants in terms of equipment. They containly need to be reorganized and modified that the fames is there wanted and the representation, personnel, and the right mental attitude on the part of the workforce there.

The second option is in-decime the chemical seaguest at these storage uses. But there are employations here. Vertails all the absence; a supports storage uses are above to make population centure. They were crossed at a time where its attentions was paid to these appears. Moreover, attent are consumerly growing and priving closer to the storage wires. And it was estimation the roak of crossing facilities at the through transform is consuperquite. It introductions consequently the make devoted in transportance to manufacture to the consequently produced seaguests in tension extension. Intersperting phenomen seagues is less fairgrown that transporting chimeter. To (196-4) (0) tonsion of which "chap" thing transporting it country a commodition is one.

The third options in to when requires or the country which are remove from critics, populated areas, and revers, but their as restroads and power metallicions. We have arrested out such work and a white wives of such regions on the abortained in the country. But here too we will come up appared a possibility of homes.

How in this problem to be residued? I think the only war in the pages laws, which law down compensation for people for prochological damage. We are talking about a contenof elementation. Rick high to be good for And if someoneamove that he well receive compression on agreeing to the uning of a facility, but reaction could be different. For example we have been following serv carefully how this a done it the world in France quilege cleaters powerstationers are used in regions which are considered onein series and cristians are to mentage terms of age to rester because of their propagations demonts But the people there do not proteen appoint suchery climbra gower explains. Or tak-Smalls for example its inhahitants are group in the are range there because on the one hand they know that everything a destr to estuart their sales, where or the other hand, the test our previous congruences of Service and

Securiding to prices at the open of the the destruction of chemical engagene required \$1.10° tellines and \$1.40

mailtain Sent court courts court from to \$25 billion. The cush will observe an time goes on an a result of the forwance of the native

But will we get artifling out of the destruction of shortical weapons again from cleaning our country of the influi artical. Yes, the facilities we up to destroy shortical weapons can clearly be used to destroy time waste in b-10 years time after they have performed their tasks. We have more personales past their storage life in our mattery that we have chemical weapons.

Moreover we favor techniques which envisage activering tions agents by converting them into until number for the national economy rather than inconverting them. For example, terrorite contains 30 percent assents. While the assent contern at the deposit or Genegia, the sole deposit in our contents at the deposit or Genegia, the sole deposit in our contents. R2.5 billion of the 5.4 billion carriage. By our estimates, R2.5 billion of the 5.4 billion carriage.

L'Argune To Destroy Nacioge Arms Within 1 Years

LEGAL SHOULD Manage Radio Manage World Service in English (200) UAST 11 Dec 51.

(Text) Ukrainian Foreige Minister Anancio Zirtaio has sold his bulgarian construerpart. Scoon Comers on Solia that I krainer is going to destroy all the tuninar weapons on to remove within the coming ween sears, and of other nations offer a tuninesial and a will take a three to five sears to destroy the footent hardware.

Chemical Weapons Supply Stockpilled in Country

[2007] 1500 Mayor PUSTOR II Was Engine

From the Milliam News section

Test The ettier chemical weapont supplis-ground \$1.44 hiers of comme promoting agents—in stockpoint it. Russia's territory. The sponeuman of the chemical mough command flows not rain out a possibility that andry the grewest pointical comprisons Rassa will have to shougher all the expresses of dising away with chemical vergoon. In Jun-Nevember at a working conference the Surpersons of committees and commissions of the Russian parliament were introduced to the program of Descriving chemical weapons that the I SSR had faind in implement. In face there is no othermation whether per specific decisions on the destino of chemical wrapons have been taken. The deputy chief of chemical magn of the USSA Defense Ministry Major-General 1907 Territation maintaints Description of the Soviet полица медрини задруги и а разлеги робиласа астиси preconnected with any technical masons. The Seven I sum discontinued their manufacture in 199" and principle expended the outlier. [] the million to some them to such a way the technical necessity of descriving the Nevert chemical potential could arise in 10-01 years time one Experts recompar that the 1 Abst. Indicat. and 1.5 Junilars. 1.46m were conded early thin year to employment the program of chemical weapons described. It 1992 the 20th might be needed to most those goals because of officials. Hard currency expenditure shall remain conseque.

Deputy Seeks Data on Alleged Weapons Lab

670 NOT TAK Minister LEVESTTY & in Russian & Din. 91. 1 main Edition 2.7

Actual to V. Shones UZVESTIVA soull correspondent. "Scheman Ulter Benry Sought or Schema"

[Text] Memoras in UVESTIY A [No. 274]-of the fact that a sector bacterosingual weapons development laboratory had been retocated to a one tear likewish has alarmed solvenam.

Immediately after publication of a prerespondent of report employ. These How the Schemas Uncer Cost to Svendioval." You Sheveter a people's departs of the february cosy and oblige sevens, unked the oblige Federal Security Administration (FSA) Administration to stamplific matter.

A few glass space he received an exhaustion region which stand than "the efformation regarding the reformation of the laboration of the laboration to the victors of frikable or in location arowhere within the remotes of the obligat has been uncovered." True the regio continuous the caveats that firstly the FSA did not have the information which was if interest to the obligat population at in disposal and secondly. Vo. Shriveters was advised "for the take of stands regarding this emportant matter" to send a depart of inquiry regarding this emportant matter? to send a depart of inquiry to the USSB and ESFSB minimizers of defense as well in to the Rammar Governments.

Those discharmen prompted the city's leaders to have sensian desaftin alread the outcome of the regio. At its tasest session the lehanta Correspondent (city sever) executive committee; excuted a commitment specially authorized to verify the report primed in our sevengager. The commission members include both departs and reproventatives of the ripothem. Professor M. Saveflerskindepart charmons of the East Silverian Division of the legalities of Medical Sciences (Silverian Beautiff), was maked to head up the investigation. The authorizes assume the medical pressumer will have beener suck than the intelligence officers did.

Reportage on 1979 Seerdlook Anthras Front

Official on Inquiry Into Event

174 100 40 4 Marine LITER 175 8 5 1 1 1 - 128 7 1 1 A Ramage So 47 17 See 5 1 7 ...

Report by LITTERATI BNAYA LAZETA peringuindest for the Light Natalika Zenova under the ratios. Continuing a Topic "Thice Again on Mistary-Secret [Text] Vekanenshurg—LITERATL RNAYA GAZETA was first in the country to conduct an independent investigation on the causes of the 1979 anthrais outbreak in Sverdiovik. We maintained that this calamity took place too because of consumption of "infested meat." as the official version stated, but after an emergency discharge of substances related to biological warfare ("Michael Secrets." LITERATURNAYA GAZETA. No. 34 (1994).

This topic was continued in one more article ("Military Secrets. Part IL" LITERATURNAYA GAZETA. No. 19-1991), which provided new arguments supporting the uniter conclusion.

On the basis of this newspaper's investigation, a deputy's insure was writ to the president of Russia. Boris Vettura assigned the handling of this problem, which produced servicus international reverberations, to Aleksey Vablakov state adviser on ecology and health care, corresponding member of the USSR Academy of Sciences.

This is what A. Yahiokev told our correspondent

"I will see to it that this matter is taken to its logical conclusion. The first step, which we have already taken, was to contact the KGB—let them dig into their archives and officially reply, 'yes' or 'to.' If 'yes, if the military admits fault, then the usur is resolved in principle, and one of the main tasks that remains is to get more precise figures on the number of families that perished, and to determine the amount of monetary compensation. If no, then a government commission will be created on the basis of the argued conclusions reached by the press."

"However I would like to state right now before the investigation of the Sveridiovia energency comes to an end Our parliament should adopt a law that will make the development production and storage of biological wrapons a criminal offense. A law of this kind was adopted in the United States last year. Also, this crime should be put in the category of those without a statute of limitations—that is, a crime against humgitory."

Suspicious of BW Research

#34PHI ROB MINISTER ACCUMING MADE SALES & PRANCIA. IN RESIDEN TO NOT 91 p.4

Report to KIMSUMFULSKAYA PRAVDA correspondent V. Chellano. "Plague in the Backvard. Has the LSSR Support Developing Bacteriological Weapons [89/17].

Year! Verlateresburg.—LOMSOMOLSKAYA
PRANDA has abready reported more than once that
Velkaterinburg clusters until to harvest persons in the
Lepomorfonia Rayon are catching a strong discount. The
first harvesting brigade ended up in a hospital poor than
three poors upon and the canons are will not clear. Then the
Riches upward beyond students and beyond Lepomorfonia
Among the nations explanations offered for the dynacions filters are suggestions that perhaps the endents

were enlighted to the effects of either chemical or bacteriological weapons. Expectally considering that there already is such a procedure—the still passived entirest of pathogs in 1979.

On 4 April 1979. Swendowsk emergency center started receiving the first tails. They were coming from the same area, and the symptoms described were the same high—up to 41 degrees [Celesias]—lever coughing, womiting. Soon the departments of City Hospital No. 24 were filled to capacity and patients were being taken to the neighboring boughts). No. 20.

The initial diagnosis pronounced in the hospital was pneumonia. It was being updated tests were being done to evening it became clear however that the diagnosis was wrong—most patients were dying. They died suddenly talking to the doctors succencity and lucidly only minutes before death.

The next day a Voice of America (VUA) broadcast said that in violation of the 1972 convention, the Soviet Union was developing basteriological weapons. The proof—the discharge of an anthran strain at Military Base 19 in Sverdiovsk as a result of which hundreds of people had already died and all of Sverdiovsk would wont be a dead city.

A.N. Solomers first deputs director of the Svendoss's city health services department, who was in life midge of the events from the very first day maintains that at the time VOA broadcast this information the medics did not have a precise diagnosis yet. Test results arrived much later and partially confirmed the information broadcast on the short wave. Propie were getting ill with, and dying of anthras.

I do not know whether the regime of secrecy in the Soviet Union caused more inconvenience for anythindy than it caused for the Soviet Union itself Soil at that time during the last years of the Breathers era and on the even of the Olympic Games, which are probabled from lesing held in a country with especially dangerous discoursementaling the "Siberian plague"—under the shadow of the military-industrial complex, this whole includes was put under such severy that the cits was immediately rife with the most incredible rightory.

There were good reasons for that It was marked/intoticeable that the disease had struck the area incared in the worth of the moltary base. This was after the diseases of the word prior to the incident. People lessing nearly maintained that they saw the diseasese in the form of a pink cloud that now behind the high fence sometime between (1901 and (800) hours the day before. There were rumors that there were uncountaine corpues on the has mell as well as next to it. It is indeed true that an associate entire shift from the ceramics pignt that is incared next to the military object was taken to the tongetal. Rumors affected the medics, too having received assurances from Base 19 that the military had nothing to do with the

incident, they started responding to calls in plagurprotection suits and gas masks. Relatives were refusing to take and bury the dead.

As a means of destruction, antifera is one of the more effective. In its natural form, skin antifera is must reminion. People contract of through contact with infected animals. In its insentinal and long form, the mortality rate is 80 to 100 percent. The long variety is must suitable for use as a weapon. The incubation period is very short—sex to eight hours, death is instantaneous and transmission from person to person is unlikely. The must problem is the means of dispersion and of subsequent cleanup, since in natural conditions the "Siberium plague" is not carried by air but can remain in the usi for decades.

In 1979, the overwhelming majority of pictients were diving from the lung variety resulting in swift death.

To inquidate and to establish the cause of the outhersk of anthrax in Sverdinivsk is government commission arrived it was headed by a deputy minister of health. USSR Chief State Physician-Hygietist P.N. Burgassi-

A mation was set up at Hospital No. 40 all patients even remotels suspected of having contracted. The Siberian plague," were brought there. For treatment in addition to the usual medications, live anthrax vaccine was delivered from Trumen. But since Russians have always believed that it is better to overdu that not do enough. 4 maps vaccination of the population was instituted.

Miree than 3 (88) Sweedlinesh residents were vaccinated, Sensive medical behicked students were drafted in go disordin-disor and implement preventive measures. Some were disminsed from school for refusing to fulfill their physician's duty. Frightened by the panic students were simply alraid to go into the nidus of infection, despite knowing that the disease was not transmitted by human moract. Solvidy was certain however that they were dealing with the same disease that was described in the exhibition.

The all-out immunication did play a tertain positive mile. However, in the words of the above menowined Sulliviver, this positive is nullified by the death of seven people caused by the universal inoculation. During the autopsy on these people in addition to the main virus, a ring from the vaccine was desected—which accommod the illness and lied to death. Alexing Nikolayerisch save that even their to spoke against the vaccination, with the former first secretary of the former CPSL obtains obtain communities; B. Veltson, and later wanted to write a desertation under a dequived and soft title. The Disadvantage of the Vaccine. The obtains dominated his enhancement, and also advised him against writing a dissertation.

Two muniths rater the epidemic was over according to Micral data of tools 64 lives. Svendleves did not have a prematiculum then, so they were buried in the stay soil of the Eastern Cemeters, philosode of lime was poured all. arround the burial and Norw this place is marked with a red cross on all cits development maps, so that even many scars later to work will be done here, and death is released again.

The official version of the occident published of the 220 RNAL Mix Births Linkell. EPith Mix Linkell. I [MMI. No thinks Linkell. EPith Mix Linkell. I [MMI. No thinks Linkell. I [MMI. No thinks the professors. I Bredestrecht and V. Nachoren Mamord recrysthing on persiate conceptors. Alogasths the farmers surred the mass chargeners of officered carrier. That alogaths the mean chargeners of officered carrier. That along odds the mean apparent. Thus, in addition to everything, a class and deep mixing was put to the incident.

Actuality there was indeed infected mean. In this case the Sverdilives pressure, displayed an amazing perspective and approximate displayed an amazing perspective and approximate sufficient. Having good through the chain of persons selling and busing mean, it remail in on a man who had claughtered a core during of the "Siberrus plague." Two other cores belonging to the same owner turned out to be infected too. The core carcasses were burned out to be infected too. The core carcasses were burned, the man was discovered to applicate or respective man sales of meat was discovered. It was intrange even to suppose that the farmers mould suddenly start slaughtering their few remaining cores in the spring it's and all of this were passing of by survivors applicating services. But ever had it indeed faggerned, the interned meat could not cause the lang sprints of the "Sibersan pages."

It seems that the government commission shell did not particularly believe at the version presented to it. I like process, who would Burgains steem on treating affected areas from the air washing treels with a sough solution and caustion and lawing asphall its cover commissional acid. All of this only resoluted the opinion of Sverd-limit residence that blame should be laid on the owner-gency at Base 19. So what kind of a base was it.

have in my possession the reply of former I SSR. Minister of Defense D. Yason to the majorn from deputs of Kravets of the Vokaserseburg I its Sovier. dated 2 June 1999. The minister writers. "Said object of Svendorski is a structural subsent of the Sciences. Research Institute of Microbiology of the USSE Minnin of Delene-the same of military spacewidge This institution is engaged in researching methods for are has becoming and present on of treops and the propositi into its portional thre are developing methods for districting proge of high-curion military represent and protecting to reason as few as exists at bear of protecting periper from homogoust arrowed and of rapid directors of harmful substances in the resumment." Further in its the setter D Yarra mentions the offs as version of fixed 0 12 00 0

There is one owner puzzle in the letter Elements Tomlesers horses. Pathogens manneganisms as not used in the work of the sector. And there paragraphs later. To developing values the institute's laboraties and had been at their processors the page. participates manerous than could have counsed the consequent character of the concernments and through that of the greature. The your test agrees that there is quarte a difference between "test used" and "but presenting much a quan-

For classification. I went to the degram charl for accuracy of Base 19 candidate of unbottom screeness Colonial G. Arkhongenko 184 and that what they gas in their work are touche obstances of biological accounts. Summoness Bowerett and with great presourcests, they gas reactionates of purhagents organizes. In 1975, the base was developing a manufact against attobay. They were out brought onto the effects to lappedate the outbreak Brought onto the effects to lappedate the outbreak. Despite the last and first Arkhangelishes that at that tend the base operations could have provided aghregation being to the last. Now then theretailing result has to know what actually taggered.

There are faces, however, that implicate that the base had settling to do with the epidemic For container the revision of a weapon discharge (at trace in Granded form direct our hold water to 1979 over 500 were bougusquied that only 64 died. Naturally, it sample does not make server to make a weapon; of such one effectivement.

There could be the possibility of a discharge of an obligation of vaccine operately activated for one as an effective antidote or combat conditions. But, first, are there wave to activate a vaccine? Second, and this is most reportant, why did the infection operated over such as encremous area, covering not only the vaccines of the base for olds the chemical machine business plant the Eliza-ri oritiment, and the obligat's Sourceare Rayon.

Fires, the cause of the outbrees is still not known (inspect thing can be used with certainty—a new egudency of artificial could dark in Vellateronburg at any encourage. The reason for that is the improper liquidation of the introducences of the 1979 egudence. I want to remain that the artificial map remain in the soil for decades. It is hard to regulate it even if the entire area is burnted out. It will aimply submerge several certains are just into the water and agencies.

Profespe, we should look into the recent past for the cause of the strange disease striking students in Krasnoulimsa liests.

The resemble continues

Arasnovarsk Plutonium Plant To Shut Down

4 800 01 (con 1 de pa

Artacle to TASS-currespondent Yo. Khoos especials for IPVESTI) A. "Linderground AES [Nuclear Electron Power Station | Will No Longer Produce Planonium |

Facept This is the first report from the closed city not far from Krasneyarsk The underground nuclear station of the Krasneyarsk mining-chemical combine is unquied

The concerns road that executive along the above of the Yesten's brails to a content estimated as the baser of paramorphisms throughout it content on the laid on the 1950's, where the government transfer a decrease to constitute orientated graphics transfer for the production of 11-298 and, to put it is a tracer consightforward was transcent for accent bounds. In those days, the procuper of building tech facilities deep pointer ground began to be required.

It was bettered at the beginning of the 1850's Energy ancests will assemble the center of Silvera, Well, or fact this underground factors is not threatened to profiting today rother even a nuclear words. According to all drafts, the factory is supposed to words it represents a self-like the factory is supposed to words it represents a self-like 25% meters interest road tensibly covers the center ages from allowed. The literature floorestics have average widered areas that are expendent of supportunity a shock waser that rushes and them. Want which is received to out a de-like like them.

And so we are at the end of our long sources. I'm the was we examined Approximates as much someon was used a finishing off the tunners as would be required for one more Krastics and historicans power station. There is an assume reactor at the tention of each of the high profiting! "specess."

The first two reactions are documed, save Pavel Monters the combine's deputs chief engineer who is excerting in We will stop one at the beginning of July 1982, and the second—within a sear or run. The manner is more difficult with the third machine. When we cought, we will be left without heat and energy immediately. It serves to heat a city of amoun 1001/1985, the steam turns the processors of the electric power exposus.

We exten the office of Vigitims Like the chart of the station

Starting from the moment that I came here to segmi ago as a graduate of an institute. I brand one thing—we are performing important work. That former minimize said from the stage in the House of (alliant. Your combine was started, and the scale in the interior weapons, or are free. And it is not now probably that we are beginning to understand that the requirem in directly of the manufacture of plutonium could be used for interwork." explains Viadimic Nacionals

"I think that our severes did not last for a long time. Pavel Morosco said, joining the imprenation. There are increasing proposals of increasing imperation. For example. French operation are prepared to suppliapparations for the transportence of terations. Unfortutuation, a remission of this question is firing detained. But I are confident. Life will not out. The questions have began to go alread Several years ago, we did not even drough it this. The proposed arrangement of expecually pure production—gallout arrangement of expecually to the fact that we will be found to open our over pages. This maternal is used for the manufacture of all the mental base at electrostics, for the formula base is electrostics, for the formula bases, for examples a program has been developed for the production test facilities at the produced by instructing for the manufact facilities at an electrostic to detail the formulation been which is parently bases to recount it is country. I parently there to recount it is

GERMANT

Getacher on USSE Wengoon

61 15121 2001 Coughe Describingtons Services in German 1880 GMT (5 Dec 9)

(Interview with Foreign Minister Hass-Derrich Censcher by Hass-Joerg Krieger on §5 December place not given—mountful)

Except [passage omitted] Regarding the Soviet I from there is the additional profitient of tractery weggets. This profitient does not exact in Vagoragesa. We have an elementary interest in general an absolute guarantee for the control of the nucleus weagons. We think that it addition to this control, the observerance welfare traction and tractery artiflety mans be determed without definition to the West and in the forester Soviet I from because they are weagons as on the forester difficult of attendance they are weagons are to less dangerous but they are opaur to control.

However I would like to draw public attrement to two other posters that I consider equally dangerous. First, there is the danger in the military area that outline weapons could get into the wrong hands and there is the danger that the know-how involved in the production of toolear weapons and other weapons of main destruction could get into the wrong hands and mould. We discussed the problem with the leavest Union, the problem is to how is prevent expens on the production of nuclear themseal, and busingseal weapons from being based to other countries.

Licemans will develop an introduce regarding the interest of the imposite of know-how on the production of weapons of mass destruction. Under our laws, such transfer of know-how is a particulate officera. We there that it through also be particulable under interruptional law.

Second, there is the danger in the area of outrear reaction, the salesy of nuclear power papers for crystage our. The standard is disasteries. The state of the publicar reaction is even substandard, and make reaction are not even thecked for salesy. That, soo is a problem than toncome the interespoonal continuous. Here we would also like to wer common, coordinated action.

[Knoper] You addressed the danger of the transfer of know-how filter can you guarantee that for-set sourcess and nuclear experts will not pass on their know-how to countries that Iraq, for insequent."

[Genucher] National laws and interespondicular conventions that envision spections against countries that are trying to procure such know-how could help guarantee this, would like to make it quite clear that we consider necessary for the peoples' consument that the possibilities of action to the interespondicular community regarding the enforcement of elementary security requirements by entarged.

That is who I advocane creating an international court to take action against those responsible for offensive wars, observationers and wars, and the production of weapons of man descriptions.

The effectional community must be allowed to oneone where there is the danger that weapons of main destruction are presidenating. In this respect, it is not just very late, but we are directly facing a unasson where prosideration cannot be unidone. To me it is one of the most important challenges of this time and the discongration of the Soviet Union should be a reason to are pussage amount.

Politiciae Wares Seriet Naciscor Weapon Deager

LINESIZZANE Brein ADS in Greenan (90° GMT). It for AT

[Text] Highe (ADNo-Northern Capturi, Social Demostrate Party deference policy speakersman, has warrand of the possibility of a tracking way on the Soviet Union. "If it the next few works there are on to severe tracking powers in the terminary of the former Soviet Union, then the danger of a tracking way captured be ruled out." The pointerian total the MITTELERY TSCHER EXPRESS (Monday (9 December) collinous which is published in thate.

Capaci therefore demanded that a course of unlicative security should be created within the framework of the INCE. The control of Server studiest weapons is of crucial importance or this. In case of the cross or the 1888, the threat peace by Server studiest weapons (asset by everyingted)

Police Detain Savageers of Arms Into Creatia

[511] [1140] Brignade [457] E. in English.

[Text] Bonn. Det 13 (TANELGo—The Regendurg prior) announced today that five persons who conceded to image a large quantity of arms into the Yugona-Republic of Counts, had been decasted.

Proces have not set alternified them, but said that the group comprosed two Greenann, two Arabi and a Cross They are now held on a prenning confinement

The statement also said than antiqueerall mission about 1.000 submachine gans "Kalashniker" and a large amount of ammunition have been second

The arems allegedly came from some African countries and should have been slugged to I round out Priland and Locificationalus.

SPAIN

Mintral Missiles To Be Purchased From France

LD1417181891 Madrid TVE Intermacional Television in Spanish 1930 GMT 11 Dec 91

[Excerpts] The Counted of Ministers met today and approved several important legislative measures. [pursue omitted] Among them was the decision to purchase 800 Ministel action could mission from France for 15 billion practice. [pursue omitted]

NITED MINGDOM

King Cites New Dangers of Proliferation

92WP00904 London THE DAILY TELEGRAPH in English 23 Nov 90 p. 10

Article by William Weekes and Roger Highfield "King Warts of Seven Atom Weapon Mercenaries"

[Text] Fram that the break-up of the Seviet Union could lead to some of her nuclear scientists being tempted by lucrative salaries to countries developing their own nuclear weapons were raised to Mr. King, Defence Secretary in the Commission yearings.

He expressed concern about the dangers of touclear proliferation during a debate on nuclear defence. There was also ansiety about the control of nuclear amenals in former states of the Sowiet Union.

His fears were echoed by an expert on the proliferation of truclear weapons personnel who said that former truclear weapons personnel should be monitored to ensure their did not become nuclear mercenaries.

In the Commons, Mr. King, drew attention to scientists working at "atomic cities" created under the old centralised structure of the Soviet Union.

"Now there are assense colors and there are armaments colors as well," he said.

"These cities come under the responsibility of ministries of the Soviet Union which may themselves be abolished, or may be in the process of being abolished, and may soon lack the resources to maintain those cities." be said.

"There is a risk then as to where those personnel may actually be going, personnel who may have very particular skills and capabilities which could be very much in demand with certain other parts of the world." He said 15 countries possessed the means to deliver a nucleur workend by ballistic messie, and the number was some expected to rise to 31, rectuding Pakestan, India, Libra, Iraq and Iran.

No. Paul Leverthal, desingueshed visiting fellow at Cambridge University's Global Security Programme, as academic unit studying broad entertational security mass, said. There are thousands of people who have danselled knowledge about the design of tracleur weapons and how to produce the materials required for tracleur weapons, namely excelutions and reprocessing.

It was vital for U.S. and Soviet authorities to co-operate to police former nucleur personnel.

The errors of Mr. Long's scanners presenting in that betteen helped to train the most promount sciences in long's multi-billion pound reactors weapons programme. Dr. Jaarlan Dhoah Jaarlan, a former research associate of Imperial College, London.

Dt. Japlier, now the reco-president of the Iraqu Acomor. Energy Commission, came to Imperial College in 1971 as a post-discoral fellow after studying at Bernsighan University.

The UN has taken a close enterest or lrag's personnel because it needs to ensure that, after all the equipment and pageswork for leag's weapons programme in destroyed, it cannot be retained through the knowledge of thousands of skilled individuals.

Starting from scratch, they could in theory rebuild the programme within five years. Their names are now in the promession of the UN.

The Image were almost cuclusively related on foreigntrained specialists, said a spekerman from the International Atomic Energy Agency in Victoria Britain, Germany, France, castern Europe and the Seviet Union have trained Image scientists at these assuremation.

Britain had been "quite prominent" in training personnel for lead's nuclear programmic, said the agency

The Universities Signistical Record shows that last year there were 290 frag undergraduates and postgraduates. The figure of 1980 was 1.331

British traceing has not only aided ling's nuclear weapons programme, any lings who studied the fields of organic chemistry and biochemistry on the UK could have turned his hand to developing chemical weapons for lines.

EC Earny To Seek Ukraine Nuclear Representation

60/0902/06/0941 Paris AFP in English 1667 GMT 9 Dec 91

[Text] Maustrucht, The Netherlands, Dec 9 (AFP)—The Europeant Community (EC) is to send an envey argently to the himilatives Servet republic of Ukraine to senk manuscramers about its nucleur weapons, a Datch diplomat said here Monday [9 December].

Speaking on the sidelines of an EC summit on political and economic onion, he said Dutch Ambassador Obtation Econor would be to the Ukraine on Thursday and report back to EC measures in Brussels next Monday.

Finised's Nuclear Decision May Inflance Germany's

N/WPROTEA Metando METET EST ADSBLADET in Smodah 77 Nov 51 p 6

[Article by Henrik (last name missing): "Finnish Decision on Nuclear Power Hist Issue for German Industry"]

[Text] Enlarges—The decision on whether or not to build a fifth nuclear power plant in Finland—a decision due to be made next year—in by no means an internal Finnish affair.

Certainty is in the parliament which will finally decide the matter, but its decision will affect not only Finnish energy supplies but also the center European nuclear power industry.

force the accident in Chemistryl in 1986, it has not been politically apportune in Europe to order new nuclear power facilities. From that standpoint, a Finnish order for a new facility would have a favorable officence on areas of public opinion that are becoming more friendly to nuclear power again.

A risk to the head office of the new European nuclear grant NPI [Nuclear Power International] in the Bavarian city of Erlangen confirms the notion that the Finnish (incision is being awaited with particularly great interest.

Nuclear Power International is a firm that came into existence in 1989 when Germany's Siemens and France's Frantaisme combined their resources. In all, the NPI has built about 100 nuclear power plants in various places around the world, chiefly in the home countries. France and Germany. The nuclear power plants built by that market leader have a total output of to less than 100,000 megawatts.

The NPI is one of three corporations which submitted firm hids at the end of October to build the fifth nuclear power plant in Finland. The other two are Sweden's ABB-Atom and the Soviet Union's Atomotorgoesport.

"The real competition is between ABB-Atom and the NPL If Finland chooses the Soviet alternative, it will be for other reasons," said Adolf Huetti, a member of the Siemens board of directors and managing director of the nuclear power division.

Of the soul of seven reactor types being offered, the NPI is offering four premarized water reactors with other 1,100 or 1,400 megawatts for Levina and boiling water maction with the same output for Officiacio outside Raumo.

Addit-Assem is offered busing water reaction of two types—4.170 or 1.350 megawatts—for Officianto. The flussian alternative is a 1.640-megawatt pressurand water reaction to supplement the two smaller reactions on Hassholm biland in Lovina.

Strict German Standards

If Imateus Voima, Industrial Power, and Personnessa choose the NPI. Semens will have overall responsibility. The NPI's deputs managing director. For Russic, estimates that Finnish industry's share in the production of components would amount to about 30 percent.

"German safety regulations and the design of the reactor suit Finnish requirements better than the French ones would. That is why the Siemens design was offered to Finland," said Fritz Ruem.

He points out that safety regulations vary by country and are therefore difficult to compare. But German requirements, like the safety requirements in the Nordic countries, are unspectionably the strictest in the world.

"The safety requirements concerning the release of radiation and serious near-accidents at German power plants are even stiffer than Finland's rules, which are internationally recognized as being strict," said Ruess.

As a matter of interest, it can be mentioned that the German facilities are designed to withstand both carriqualies and air crashes. The safety philosophy is based on the sales than the most sensor and most improbable accordance could occur.

If a serious accident occurs, an computer-based safety system automatically takes over, giving the operating personnel 30 minutes in which to plan other measures.

"The 30-minute rule applies to German nuclear power plants. We are convinced that that well-tented computer system is more reliable in a sudden cross situation than a human being, who may not know immediately what needs to be done." said Rues.

The corresponding period in the United States in 20 minutes, while in France it is 10 minutes. The trend in all cases is to lengthen the time that the automatic safety systems are in control.

No One Willing To Invest in Old East German Power Plants

The sinciness of German regulations is proven not only by closer acquaintance with German facilities but also by the fact that no new facilities have been built.

Without political connectors, the power plant gust Siemens is not ventiaring or is not willing to make any new reventments in nuclear power plants.

For the same reasons, no one has lifted a finger to start up the facilities in the former GDR. Those plants have been shall down not because they are anable to operate but because they do not ment German safety standards.

"No one wants to arrest money in those facilities as long as there is still no certainty that they can be made to satisfy all the standards," said Ruess.

Last work, however, Siemens management criticated the EC for wanting to do no more than devestigate the shortcomings of Exe. European nuclear power plants. Siemens firels that it is high time to pass from words to action and to improve the safety of those facilities which, by Western standards, ought to be shut down.

There are also examples in the former FRG of facilities whose operating permits have been revoked. The reprocessing plant in Wackendorff in an empty shell. The German nuclear power industry invested about 2.5 hillion [correctly not given] in that facility before it was simpped. The result in that all of Germany's high-level nuclear fuel waste in processed, very expensively at French and British facilities.

But the Germans themselves have to handle the final storage of their nuclear waste.

Social Democrats in Key Bole

There are currently 21 functioning nuclear power plants in Germany. 10 of them in the 1,490-megawate class. Nuclear power accounts for one-thing of the country's electricity production. Coal from German mines is the other important source of energy.

As a result of the Chemistryl accident, there was solid opposition to nuclear power in Germany during the final years of the 1980's. New projects for Siemens' nuclear

power business could only be found a long way off-on Argentima and Brazil, for example

Now there are clear signs that public opinion in Germany is changing. The politicians have agreed that the greenthrouse effect should be counteracted by reducing releases of CO₂ by 25 percent by the year 2005. People in the ordinary way that is not possible without more nuclear power.

The condition parties—the CDU [Christian Democratic Utson] and the FDP [Free Democratic Party]—have already come out in favor of more nuclear power. But for the nuclear power industry, that is not chough.

"Engateson requires political consensus," said Ruess of Sumeros.

He does not expect support from the Greens, but that makes the attitude of the Social Democratis all the more important.

A nucleur power plant taken half a decade to build and crosts about 10 billion Finnish markkas. The nucleur power industry is not going to run the risk of building a plant which may not receive an operating license for political regions of there is a change of government.

It can therefore be said that the SPD [Social Democratic Party of Germany] is in a key position on the mue of traclear power in Germany. At a party convention following the Chemiolyl accident, the SPD passed a resolution opposing traclear power and calling for its eventual phaning out. The SPD has stack to its policy, but there are those who think the Social Democratic Party would be forced to reconsider in energy policy if it became the government party again.

Nor is energy policy mell a simple equation in Germany. The very fact that the coal industry employs. 130,000 people whose average age is only 33 years means that no quick changes are to be expected.

Despite that, the Finnish decision on nuclear power will have wider consequences than perhaps our decision-makers would like. This is also shown by the international appeal not to build a fifth power plant which the Finnish parliament received a couple of days ago. The nuclear power industry and nuclear power's opponents both realize that the Finnish decision will mark a turning posets.

END OF FICHE DATE FILMED 30) March 1992

